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## The Infosys TIMES, Vol. 5, No. 2

St. Cloud State University

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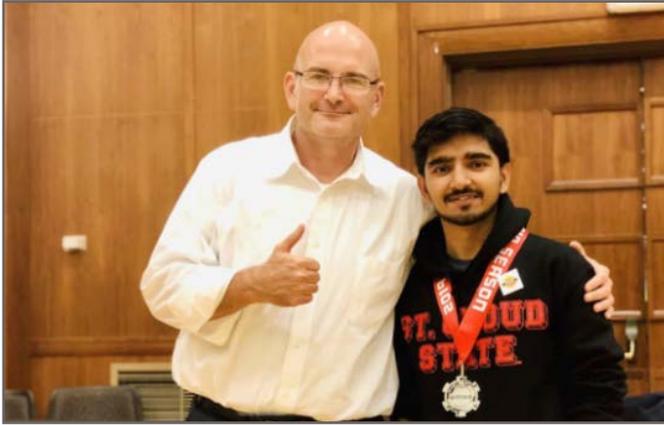
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*Sagar Bhandari wins Best Market Potential App award*

## Sagar Bhandari Wins Best Market Potential App Award

Sagar Bhandari an Information Systems Major, with his friend Kushal Singh in Computer Science, won the Best Market Potential award for their “Let’s Vote” app at the Hackuiowa competition held at the University of Iowa on October 6-7, 2018. Over 200 students from universities across the US took part in this 2-day non-stop hackathon.

Each competing team, up to 4 members each, were given 36 hours to build an app. Sagar and Kushal developed the “Let’s Vote” using Java and Python to ease the voting process in schools. A cloud was used to store the data.

HACKUIOWA provides an excellent opportunity to showcase student talents, work with students from other universities, and meet with recruiters. The competition is open to college students passionate about innovation. Mentors from companies are available for help throughout the event.

“I haven’t taken part in such a competition before. Even though I was nervous at the beginning, I wanted to face the challenge. Had we stayed at home on that day, we would have missed a great opportunity. I encourage all students to take part in such competitions.” Sagar said.

## SCSU Students Win Scholarships Worth Over \$144,000



*National Science Foundation (CESP) cohort-4 with the management team*

Five IS and two IA students won part of the \$144,000 National Science Foundation (NSF) scholarships awarded in August 2018. Recipients are Stacy Nelson, Ahmed Noor, Bishesh Karki, Adounola Bohiki and Omar Shukri from IS, and Hassan Hirei and Kyle Rozendaal from the MSIA program. Approximately 60 students applied for the award. The scholars were chosen based on their academic performance and financial need.

The scholarship significantly eases the financial burden of the students and allows them more time for college work. In addition to money, scholars receive national recognition, faculty and peer mentoring, leadership development, internship opportunities, research support, field trips, attendance at conferences, and volunteering opportunities. The program aims at strengthening the STEM workforce and its leadership. NSF alumni consist of highly talented individuals in computing and engineering fields.

The SCSU-CESP scholars are recruited at the junior level including transfer students. Every year nearly 75 students apply for the scholarship. In the program, full-time faculty mentors provide academic advising. The scholars participate in research and senior design projects with peer and graduate assistant support. They also complete internships, attend workshops and conferences to achieve academic excellence. Scholars take a one-credit seminar course

*cont.*

## Inside this edition

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## Scholarships cont...

directed by a management team faculty. In the one-credit seminar course, scholars are taught leadership skills, professional skills, ethics, team-building, networking, time management skills, strategies to improve their

study habits and classroom performance. Invited speakers deliver talks on different topics and share their life and professional experiences with scholars.

CESP is the second STEM grant received by Professors Susantha Herath (PI), Jayantha

Herath, and Mahbub Hossain. Professors Ben Baliga and Robert Johnson are also part of the management team. SCSU-CESP scholars will graduate with the skills needed to be successful in their chosen careers in industry or graduate studies.

## SAP TERP10 SAP Education Services



Dr. Changsoo Sohn,  
IS Professor

The IS department at St. Cloud State University offers the SAP recognition award and SAP TERP10 prep course for completing the SAP Associate Certification

(TERP10 certification) in conjunction with SAP University Alliances. The TERP10 certification focuses on the fundamental knowledge requirements for a SAP consultant to configure and implement SAP solutions. SAP (<https://www.sap.com/index.html>) includes ERP Basics, SAP ERP, NetWeaver, Financial Accounting, Management Accounting, Sales Order Management, Planning, Manufacturing, Project System and Human Capital Management. SAP's globally recognized certifications demonstrate and exemplify individual ability on the ERP software.

Since last summer, SCSU has been offering IS 459, the TERP10 prep class, focusing on completing SAP® Certified Associate certification, a globally recognized certification that currently accepted by 3M, Citrix, Coca-Cola Co., Deloitte & Touché, DuPont, Cargill, Target, General Motors, UnitedHealth, H.B. Fuller, and many others.

If you are interested or have any questions, contact Dr. Sohn, SCSU's SAP Coordinator, and SAP Certified Instructor, [csohn@stcloudstate.edu](mailto:csohn@stcloudstate.edu).

## Open Web Application Security Project (OWASP) Global AppSec USA 2018



Lee Ho, MSIA Student

Opportunities are available to everyone who seeks them. That is why I would like to share with you an opportunity I had with the Open Web Application Security

that performs pentesting by bug bounty.

As a graduate student majoring in Information Assurance, I chose the pentesting training out of all the training listed as the topic is relevant to my studies and interest in cybersecurity. The three days training titled "Hacking Your Organization (One step at a time)" covered topics such as OWASP Top 10 and common vulnerabilities found in web applications. I found the training to be very informative and learned a lot of new vulnerabilities that can be confusing at the same time as the training is designed for pentesters or software developers in the industry. Now I will spend time researching further into the topics for a clearer understanding of how the exploitation of the vulnerabilities works. This is a challenge for me. However, the critical point here is to strive forward and seek

continuous improvement to improve my technical skills in cybersecurity.

The three days of training and conference cost approximately \$3,200. However, OWASP sponsored the training and conference cost as OWASP recognized the effort and time spent by chapter leaders to build an OWASP community. OWASP is a non-profit international professional organization that specializes in application security. In addition to application security, OWASP has lots of resources in cybersecurity topics, and that is why I am currently working on getting pentesting workshops into St Cloud State University. Please look out for the workshops scheduled at the end of November and in December 2018.

## Still haven't set your academic goals? Here's a few to think of!

- Long term: MS, Ph.D.
- 4+1 program
- Masters in Information Assurance Program (MSIA)
- High academic performance, make it to the dean's list
- Get internal/external certificates

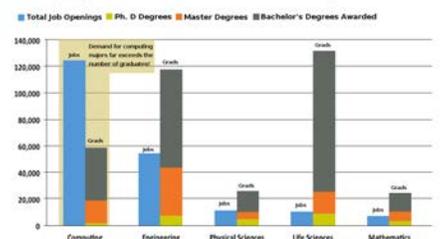
## Department Naming

1977 - Department of Quantitative Methods and Information Systems (QMIS)  
1986 - Business Computer Information Systems (BCIS)  
2009 - Information Systems (IS)

**Information Systems (IS)  
majors solve business  
problems using  
information technology.**

Median Salary  
**\$129,438**  
Source: [ineek.org](http://ineek.org)

Annual Total U.S. STEM Jobs Thru 2022 vs. Recent College Grads



Data Source: US-BLS Employment Projections, 2013-2022 ([https://www.bls.gov/emp/tables/table\\_102.html](https://www.bls.gov/emp/tables/table_102.html))  
National Science Foundation NCFES (<https://www.nsf.gov/statistics/hsp13027/pdf/NCFES.pdf#033.pdf#034.pdf#035.pdf#044.pdf>)

# Club Updates

## IS Club



Andrew Ditlevson speaking at the IS club

Monthly IS Club meetings help students in their academic and professional development. During the October meeting, guest speaker Andrew Ditlevson, Associate Director for Employment Services at the Career Center on campus, shared valuable insights and practical experiences about students who achieved career success through LinkedIn. He also gave tips on successfully engaging in the platform.

## CSIA Club



Participants at the CSIA meeting

The CSIA (Cybersecurity and Information Assurance) Club meeting was held on October 17th. At the meeting, the President of the club, Paul Voeltz discussed the plans for the year. Among the projects, the club would like to participate in activities on Virtualization, C++ programming, Subnetting and NAT, Basic Linux commands and Parallel Programming. Students also discussed the upcoming scholarship programs, internships and job fairs.

# New Faculty



Anthony Kunkel,  
IS Instructor

Anthony Kunkel is a first-year adjunct instructor teaching IS 459/559 Topics in Information Systems: Quantum Information and Processing Communication. Anthony obtained his BS in Physics with an emphasis in Astrophysics. He then completed a special studies MS in Quantum Information Science. His thesis was on “Hybrid Quantum Encryption Device using Radioactive Decay.” He has done extensive research with Dr. Dennis Guster and Erich Rice to push the envelope of quantum computing and quantum cryptography. He has presented two papers on hybrid quantum encryption at the MICS Conference. Anthony’s goal is to help others understand the complexity and beauty of quantum information, as well as its future in the computing world. His research interests include quantum encryption, quantum programming languages, random number generation, and interdisciplinary research. Anthony has lived in Minnesota his whole life and is originally from Monticello. He chose to study at St. Cloud State University so that he could stay close to his family and friends.

## Group Advisory Meeting

*“Student-faculty interaction has a stronger relationship to student satisfaction with the college experience than any other variable.”*  
Alexander Austin



Professor Herath conducting the meeting

Group advisory meetings are held every semester to maintain consistency in major advising. The fall semester meeting was held on September 26, 2018. Students that participated learned more about the department, programs offered including additional certificates, available opportunities, and the importance of having an academic advisor.

## InfoSys Diaries



**Craig Overboe, IS Student**

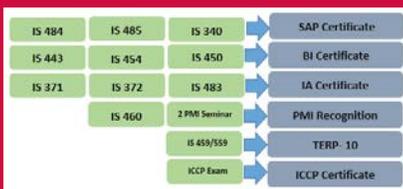
My name is Craig Overboe, I am 53 years old and have been working in the Information Technology Service department here at St. Cloud State for the last eighteen years. When I was hired, I had a two-year technical degree but unfortunately, when you work for a four year higher education institution, there is not much opportunity for advancement for someone without a bachelor's degree, so I decided to pursue my bachelor's in Information Systems.

My original motivation was for career advancement; however, after taking an introductory programming class, I got to thinking about how much I might enjoy teaching. In my role as an IT professional, I have hosted many training sessions on various new technologies and do enjoy

*"I am 53 years old... I am planning to continue to get my Master's Degree in Information Assurance immediately after I receive my Bachelor's degree..."*

helping others learn. I asked my professor what the requirements are to become a faculty member and he explained that you need a Master's Degree to teach Bachelors level courses, so now I am planning to continue to get my Master's Degree in Information Assurance immediately after I receive my Bachelor's degree.

### Earn 6 certificates while completing the IS degree



When I am not studying, I do like to play guitar and drums and have been known to sing a bit on karaoke night. I have been married for 25 years, and my wife and I have three boys, 23, 21, and 15. Our two older sons are students as well, the oldest is pursuing his degree in sales and marketing, and our middle son is interested in programming or game design. - **Craig Overboe - IS Student**



**Abraham Sesay, IS Student**

This past summer I had the opportunity to work at The Toro Company headquarters in Bloomington Minnesota as the Service Operations Intern to the Information Services (I.S) department. The internship was a real-life project based opportunity that allowed students to engage in projects that explored topics they learned in class.

Over hundred people work in Toro's Information Service department. The department is comprised of several smaller departments and teams. These include the Technology Service Desk, Service Operations, Security, SAP, Database, Networking, Business Intelligence, and Software Development. Each of these teams are committed to contributing to the smooth and efficient use of resources so that the company can achieve its end goals.

In my role as the service operations Intern, I was tasked with laying the foundation for a self-help video platform that the I.S department wanted to initiate. This included drafting the scope of the project, roles and responsibilities of contributors and finding out potential obstacles to the project's success. I was also responsible for figuring out how the project will be maintained in the long-run and what tools would be used to create the videos.

*"Each week C-suite executives gave presentations about their career paths and how they climbed the corporate ladder to reach their current positions in the company..."*

Apart from work, The Toro Company is devoted to the personal and professional development of its interns. Each week C-suite executives gave presentations about their career paths and how they climbed the corporate ladder to reach their current positions in the company. I was opportune to speak with seven directors from various departments and interviewed them on how they worked with I.S on a daily basis. I also learned from their experiences and was encouraged to continue working hard.

Interning at The Toro Company was a great experience and opportunity, and I thank the company for giving me my first corporate job. It enabled me to get a first-hand

experience of how companies work and how technology is used to promote advancement. The experience helped me grow as a person by improving my communication and team working skills. With this knowledge under my belt, I look forward to more innovative ways to use what I learn in class. - **Abraham Sesay- IS Student**



**Swapnika Putta, MSIA Student**

Without much IT educational background and experience, when I decided to pursue my Master's degree in Information Assurance, all I had was a passion for Information Security.

During my first semester, like most international students, I was overwhelmed by the unfamiliar teaching methods, culture, and curriculum. The fact that I had no prior Security related background did not help. After my initial struggles, with the help of my fellow students, faculty, and staff, I somehow managed to complete my first semester (spring). However, throughout my first semester, I had to deal with the constant fear of failure and self-doubt.

The following summer break helped me reflect on my learning progress, what I want to achieve, and the very reason why I decided to pick Information Security in the first place. The answer was simple; I wanted to learn. This self-reflection completely changed my thinking, perspective, and attitude toward college. I stopped caring about failure; nothing mattered to me anymore. The only thing that mattered to me was to learn to the best of my ability. I rediscovered my love for learning.

*"like most international students, I was overwhelmed by the unfamiliar teaching methods, culture, and curriculum..."*

Once I was clear what I wanted to achieve, I needed a path. The moment I looked for a path and opportunities, I realized that there were endless opportunities and resources within our university, like CSIA club, CCDC teams, conferences, publications, research projects, etc. I joined various groups, attended security conferences, volunteered in cybersecurity events etc., which allowed me to meet people of similar interests and opened the doors to new opportunities.

## InfoSys Diaries Cont.

Before I realized, I got a summer internship followed by full-time opportunity.

I want to take this opportunity to thank my professors and advisors for showing me the path and guiding me through every step of my professional development.

I wanted to share my story hoping that my experiences can help others in a similar situation. - Swapnika Putta- MSIA Student



Paul M. Voeltz, IA Student

I began my academic career at St. Cloud State University in the summer of 2017. I was introduced to SCSU's Master of Science in Information Assurance (MSIA) program while searching for a new career path in the technology field. I met with Dr. Jim Chen on campus and discussed the program's courses and what would be

expected of me. I was delighted with the information I had received and promptly applied. I was accepted into the program and have been enjoying the ride ever since!

From the time I have spent in the MSIA program, I can tell you that the professors are truly dedicated to their craft. They strive to build a foundation of knowledge

*"My professors' doors are always open during office hours if a student has questions..."*

for students to build on while they further their education, and ultimately their lifelong career. My professors' doors are always open during office hours if a student has questions. I am also grateful that the department as a whole supports students in their job search. I receive career opportunities as well as networking event invites in my email on a regular basis.

Finally, I am grateful for the scholarship opportunities that St. Cloud State University has to offer. There are many STEM scholarships available to SCSU students.

I was fortunate enough to be awarded the National Science Foundation's Scholarship for Service scholarship this year. I would encourage any student looking into the field of information assurance or cybersecurity to look into the SFS scholarship or any other STEM scholarship available here at SCSU. - Paul M. Voeltz- IA Student



Ouede J. Louan, IS Student

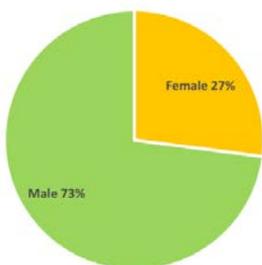
When I chose the IS major, I was amazed by the welcome I received from the Information System Department. I quickly realized that the IS major would help me reach my dreams. I was born in the Ivory Coast located in West Africa. I went to school in the Ivory Coast and learned the importance of education. I found some mentors and resources who helped me succeed in school. I am grateful to the IS department for the clear direction it has given me to reach my goals. I am minoring in statistics. I'm excited for the rest of the years yet to come! - Ouede J. Louan- IS Student

## Diversity – IS Department

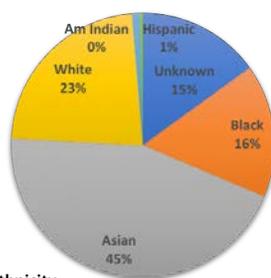
### Demographics of the IS & IA students

#### Students from all across the globe:

Bangladesh  
Burkina Faso  
Cameroon  
China  
Egypt  
Ethiopia  
Gambia  
Great Britain  
India  
Iran  
Iraq  
Ivory Coast  
Kazakhstan  
Kenya  
Korea  
Malaysia  
Nepal  
Nigeria  
Pakistan  
Rwanda  
Saudi Arabia  
Sri Lanka  
Sweden  
Tanzania  
Turkey  
United States  
Uzbekistan  
Vietnam



Gender



Ethnicity

## Guest Speaker Sessions – Fall 2018 In-Class Presentations

### Guest Speaker

Kate DeCaboooter & Team  
Miike Dehler & Scottie Holmes  
Alon Poudel  
LeRoy Northam  
Matt Ludewig  
Aaron Weekes  
Justin Hall  
Briikken Jansen  
Tom Reiger  
Mark Gill  
Andrew Erickson  
Cullen Anderson

### Company

3M  
Capital One  
Delta Airlines  
Jefferson Capital  
Lexis Nexis  
Nahan  
Netgain  
Open System International Inc.  
Platform3 Solution  
SCSU  
UnitedHealth Group  
Wolters Kluwer Financial Services

## Growing Demand For IS Tutoring

IS students have been increasingly seeking support of tutoring in Programming, Database, and Business statistics. Over 500 appointments were made with IS tutors in fall 2018. The department provided more resources for tutoring to be effective. The one to one guidance provided through tutoring helps students in gaining interest in programming. Also, students from non-IT backgrounds developed an interest in programming after attending tutoring. The department is proud to have well-qualified tutors.

The Academic Orientation for new coming IS majors was held on August 24, 2018. In "IS World", the attendees learned more about the program and the beauty of the number systems.

The IS program at SCSU, accredited by AACSB and to be accredited by ABET soon, is the best IS program in Minnesota. It also meets the curriculum needs of AITP and ACM.



## Alumni Updates



**Khalid Noor '18**  
IT Project Manager/  
Scrum Master,  
UnitedHealth Group.

Firstly, I wasn't sure how to plan for life after graduation. The IS program was very resourceful and gave a clear guideline. Its frequent mentoring was helpful in improving my GPA. The National Science Foundation scholarship I received saved me more time to focus on studies. Also, I could be a part of like-minded individuals. A former IS student introduced me to UnitedHealth Group where I am excelling in my career. I am leading a team of 14 employees. I came to the career fair on October 18th to recruit SCSU students for UnitedHealth Group. I met with Professor Susantha Herath to thank him for his excellent guidance. I have achieved great heights thanks to the program.



**Rosthan Ngomssi '18**  
Software Engineer, Boeing

I am working as a software engineer at Boeing. However, the truth is that the job hunt for me had never been easy. As I was new to the United States, I hardly knew anybody. When I started the job search, it has been discouraging at the beginning. Thankfully, the skills I developed through the IS program were beneficial. My networking, communication and technical skills helped me get the job. In the beginning, I hardly had any confidence in speaking to a broad audience. My mentor and academic advisor, Dr. Herath, guided me steadily on how to improve my verbal and written communications. I had to work in a team. At the end of the first year of the program, I felt myself improving.

I was becoming more confident as an individual. The program trained scholars to work to deadlines and accomplish the promised tasks. This was an essential element I developed through the program. I am comfortable working in a diverse group at ease. Learning to get things done by different team members was the key to success. It was excellent training for two years. I learned a lot from the IA program.

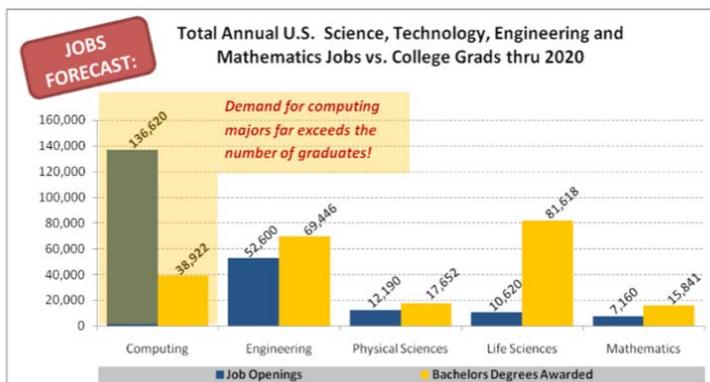
I am forever grateful to the IS department for helping me get where I am today!

### Popular Careers for IS and IA Majors!

- Programmer, Programmer Analyst, Developer, Software Engineer, Software Support Developer
- Systems/business/IS/Data Analyst
- Incident Response Analyst
- IS Technician, Help Desk
- Network Administrator
- Database/Data Mining Administrator
- Web Analyst/Developer

## Student Faculty Staff Celebration Fall 2018

Student Faculty Staff (SFS) Celebration was held on November 26, 2018 at Atwood, Voyageurs North. Over 70 attended including 60 students. Dr. Susantha Herath, chair of the department presented an update of the department, announced upcoming activities, opportunities, changes to the curriculum and special achievements. Dr. Jim Chen presented MSIA updates. Dr. Mark Schmidt talked about research and conference opportunities. Dr. Changsoo Sohn introduced the TERP-10 (IS 5/459) course he would be offering in summer 2019. Then 101 students were recognized for the Academic Excellence and awarded the certificates. 15 IA and 22 IS graduating students this fall were given recognition and a farewell. At the end, students had the opportunity to ask questions, make comments and suggestions, and networking.



## Social Media Engagement- IS/IA



Erich Rice, IS Instructor

The IS Department has had a Facebook page for several years and recently started a group within LinkedIn. Many IS and IA students have joined the Facebook page and actively

interact with their classmates and learn about new and exciting developments both within the

Department as well as events outside the Department or even University. For instance, Sagar Bhandari and Kushal Singh recently won an award for the best marketing app called "Let's Vote" at a hackathon event at the University of Iowa. The Facebook post about the award received more than 1,500 views on Facebook within two weeks.

The IS LinkedIn group was created to allow both IS and IA alumni, as well as current students to interact and network on the largest professional social networking site in the world. Though it was just recently created this November, there are already over 90

members of the group, and it is growing every day. All IS and IA students are encouraged to create a professional looking LinkedIn homepage, and update it regularly as they progress through their studies at SCSU. For those who are nearing graduation, it can be an invaluable tool to network and search for jobs in the IT industry. The Career Center on campus has resources on setting up and optimizing your LinkedIn account.

Facebook link: [www.facebook.com/SCSUIS](http://www.facebook.com/SCSUIS)  
 LinkedIn Group link: [www.linkedin.com/company/scsu-information-system-department](http://www.linkedin.com/company/scsu-information-system-department)

## IA Research Presentations – Fall 2018

<u>Name</u>	<u>Topic</u>
<u>Thesis</u> Kayla Jansen	The effectiveness of the Security Onion
<u>Starred Paper</u> Bhargav Rajammagari Sai Venkatesh Pabba Naga Suraj Maddi Venkatesh Kandula Sandeep Chintapatla Swapnika Putta Mounika Gangula Obinna Otti Abhilash Nomula JayKrishna Karunanithi Manas Byadigera Naga Kesa Smitha Katta	Recovering data from solid state drive Creating a Fake Cryptocurrency Unit EMV "Chip" cards are broken Analysis of SSD's performance Comparison of forensic analysis Wearable Internet of Medical Things Security Overcoming forensic implications BYOD: Risks to Adopters and Users Microservice Architecture SQL Injection Prevention Technique Business Continuity and Disaster Management Steganography - A Data Hiding Technique Security Vulnerabilities for applets and java script

- Save money and graduate early by switching to "Banded tuition!"
- Take classes from the friendliest department with a caring atmosphere!

## 2018 Spring Husky Showcase – IS/IA Presentations

<u>Name</u>	<u>Topic</u>
K. Akroman, O. Kahveci, O. Otti, T. Pare	Scam Detection In Classified Advertisement
M. Ahmed	Smartphone-Based Medical Devices
T. Arachchige, R. Ngomssi, O. Otti	Craigslist Scam Detector
S. Putta	Wearable Internet Of Medical Things Security
A. Saka	Internet Scam (Yahoo-Yahoo)
A. Fitzpatrick	BB84 Quantum Cryptography Protocol
P. Jackson	Assessment Of Object Strength In Web Services
N. Bandara, S. Dangol	Blockchain Technology
K. Jansen	Internet Of Things & Forensics
K. Noor, B. Sprenger	Quantum Key Distribution
F. Xiong	E Learning In College
V. Karukula	Vulnerability And Security Analysis Of SaaS

- Find more about summer classes to graduate early!
- Get undergraduate and Masters in 5 years
- Learn more about the 4+1 program!



## Congratulations!

Academic Excellence Awardees for Spring 2018

### GPA 4.0

#### Information Systems \*

Bee Vang  
Bishesh Karki  
Caitlin Jordan  
Grant Meyer  
Kamana K C  
Logan Salner

Lujana Thapa  
Madina Kartkozhakova  
Nischal Bhandari  
Renu Lakhemaru  
Sohaib Ali Khan  
Stacy Nelson  
Taha Hameed Ahmed

#### Information Assurance \*\*

Satya Venkata Bommireddi  
Surendra Giri  
Kayla Jansen  
Swapnika Reddy Putta  
Paul Voeltz

### GPA above 3.75

#### Information Systems \*

Aashma Parajuli  
Adam Reiter  
Ahana Dhakal  
Ahmed Bugshan  
Alisha Tamang  
Brian Mickle  
Farhan Abdi  
Griwan Shrestha  
Hannah Potrykus  
Jarín Karjala  
Jebita Pande  
Jimmy Bui

Kenneth Sparks  
Michael Benjamin  
Mohamad Al Nahdi  
Nicholas Wilson  
Qiuping Lin  
Shayan Shaikh  
Shei Sze Bong  
Shikhar Shrestha  
Sohail Alam  
Srijana Pandey  
Taesig Ahn  
Tanzila Tabassum  
Thomas Wanous  
Yelani Kariyawasa

#### Information Systems \*

Sindhu Gadhira  
Varun Reddy Kondam  
Ravi Kiran Nishtala  
Bipul Poudel  
Mohan Rajamundry  
Thomas Anderson  
Sirisha Reddy  
Shehram Khan  
Lakshmipriya Thaduri  
Vamsi Yarlagadda  
Wolter Adebisi



## Farewell!

Graduates for Fall 2018

#### Information Systems

Jimmy Bui  
Conner DeRosier  
Adam Fitzpatrick  
Derek Grimm  
Jesse Hoffart  
Mazaher Jaffer  
Juble Lacy  
Samantha Lee  
Sohee Lee  
Eric Levine  
Yared Mengesha  
Hassan Mulla  
Ikram Musa  
Saqib Nawaz  
Erve Ngabirano  
Dion Pirness  
Yulduzkhon Pulatova  
Muhammad Rahman  
Kenneth Sparks  
Samuel Stanton  
Nicholas Stein

Vang Thao  
Zang Thao  
Thomas Wanous  
Brandon Yang

#### Information Assurance

Zain UI Abideen  
Wolter Adebisi  
Henry Akanet  
Obeth Aranda  
Shiru Ding  
Kayla Jansen  
Furkhan Mansoor Khaja  
Tu Le  
Zeeshan Mohammed  
Obinna Otti  
Swapnika Reddy Putta  
Warda Saif  
Jayakrishnan Sakkaravarthi  
Karunanithi  
Praveen Uprety

## Class of 2016/2017

### Employers

3M  
A10 Sacramento  
Abner Technology  
Air Force Research Laboratory  
Rome  
Algae Biomass Organization  
Ally Financial Shoreview  
Ascension  
Assurant Woodbury  
Best Buy  
BI Worldwide  
Blue Cross Blue Shield  
Bluestem Brands  
BUHL  
Burlington  
Cargill Monticello  
CenturyLink  
CH Robinson  
Chartwells Higher Education  
Dining  
ClearLight Technologies  
Cognizant Technology Solutions  
College Station  
Continuing Education Diploma  
St Cloud State University  
CrowdStrike  
Digi International  
Digital Insight  
Direct Care J and J Holmes Inc.  
Donaldson  
Fairlight Interactive  
HB Fuller Vadnais Heights  
Infosys Limited Morrisville  
Intensive English Center  
KMD Hospitality Management  
Logic Information System  
Microsoft  
Mindstream Inc.  
NCHE  
Open Systems International  
Optum  
Premier Advanced Solutions  
Woodlands  
RDO Equipment  
St Cloud State University  
Synchrony Stamford  
Target  
The Northway Group

Thrivent Financial  
UnitedHealth Group  
US Bank  
US- Professional INFOSYS  
LIMITED Piscataway  
Veritas Technologies LLC  
Vista Outdoor Inc.  
Washburn Computer Group  
Wolters Kluwer Financial Services

### Their Job Titles

Business Analyst  
Cyber Threat Detection Analyst  
Development Engineer  
Fraud Analyst  
Inbound Technical Sales Logic  
Supply  
Information Management  
Engineer  
Information Security Analyst  
Infrastructure Consultant  
IT Client Services Analyst  
IT Analyst  
IT Consultant  
IT Developer  
IT Security Analyst  
IT Service Desk Analyst  
IT Service Specialist  
IT Specialist  
Lead Application Developer  
Loss Mitigation Specialist  
Network Hardening  
Engineer/Operation Technician  
Operations Researcher  
Project Coordinator  
RDA Developer  
SAP Data Specialist  
SAP Developer/Security  
Administrator  
Scrum Master  
Software Developer/Engineer  
Team Lead  
Technical Support Engineer/  
Analyst  
Technology Development  
Program Associate/Senior  
Web Developer  
Website Manager

## Congratulations to the winners of the ICCP Examinations 2018!

Adam Her  
Justin Hall  
Thomas Anderson

### Have an interesting update/article/experience/news/idea/event to share?

We are always seeking contents and suggestions for our newsletters. If you are interested to submit a writeup not exceeding 250 words with relevant high resolution image, please feel free to contact the IS Department office or send an e-mail at [is@stcloudstate.edu](mailto:is@stcloudstate.edu)



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