At Farmingdale State College, we celebrate the successes of our students and faculty while supporting their continuing endeavours. Please join us in congratulating each of the highlighted individuals included in this edition of BCS News.

**Smart Garden Presentation**

**Samantha Andrea** has been working with Dr. Ilknur Aydin on a Smart Garden project for the past two years. The project design was done collaboratively with another student **Daniela Alvarez Ulloa**. Students used various sensors, as well as Arduino boxes and Raspberry Pi in their design to measure and effectively reflect the temperature, humidity, and sunlight levels of the plants in the garden.

In addition,

- Samantha presented the Smart Garden project as a poster in February 2018 during the Student Research Day on campus. Visit [farmingdale.edu/ramprogram/events](http://farmingdale.edu/ramprogram/events) for more information.
- Samantha will present the poster on Earth Day in the Campus Center lobby in April 2018.
- The same poster was also accepted for presentation to the Advanced Energy Conference in NYC in March 2018. Visit [aerc.org/aec2018](http://aerc.org/aec2018) for more information.

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**Entrepreneur in Residence**

**Michael Gold** is a returning senior in the Computer Programming and Information Systems program.

He works as a technology entrepreneur, leading the NYU Future Reality Lab’s commercialization efforts in the augmented reality space by serving as its Entrepreneur in Residence and the CEO of its spin-off, Holojam Inc., a company that’s building a web-based platform using AI to help content creators add interactive digital 3D characters to their AR and VR applications.

After graduating from FSC in May, Michael plans to continue his studies at NYU. He has been accepted into the inaugural class of NYU’s Master of Science in Computing, Entrepreneurship and Innovation (MS-CEI).
Infor Internship Extended

FSC student Sayem Shahrier has had a two-semester, paid internship with Infor to assist in the ERP class specifically. The first semester, Sayem worked behind the scenes using a new Infor CloudSuite technology. He was able to bring value to his peers knowing that the skills they would learn could potentially open new doors for them. He joined CPIS in the fall of 2017 around the first time BCS 317 Enterprise Resource Planning was deploying the Infor CloudSuite Industrial tool. His responsibilities included assisting students with lessons, troubleshooting accounts, and maintaining updates to the Farmingdale ERP website.

Additionally, he attended workshops with the class including ‘A Day in the Life of An Infor Implementation Consultant,’ and ‘Maximizing Interpersonal Relationships,’ which helped students communicate effectively and improve presentation skills. The workshops benefitted the students by allowing them to deliver their own CSI presentations at the end of the semester, before several Infor recruiters, highlighting their understanding of the CSI tool. Using the CSI tool helped Sayem to understand the backbone of how large companies operate and maintain their customer information from the production side to the manufacturing processes to gain profits, maintain customer intimacy, and improve operational excellence.

Sayem’s internship has been extended this spring semester so he can write a blog documenting the successes and opportunities created for students who take the BCS 317 class and learn the CloudSuite tool.

This summer, Sayem will present on his internship at an International Conference, EISTA, in Florida with Dr. O’Sullivan.

Hoskey Awarded 2016 Chancellor’s Award for Excellence in Teaching

The Computer Systems Department is proud of Dr. Arthur Hoskey being awarded the Chancellor’s Award for Excellence in Teaching last spring. Hoskey was presented the award at the Fall 2017 Convocation. A list of his outstanding qualifications and major achievement is below:

- Consistently high marks on Farmingdale-administered student surveys in 40 different courses.
- Developed Simple OS software to help teach operating systems to students.
- Developed four new courses for the Computer Systems Department.

However, beyond the service to the college, his research and publications, Hoskey is our most cherished and sought-after faculty member.

Hired! New Graduate Secures Position

Recent graduate and Computer Systems student Prabhdeep Singh has secured a position at InterSoft Associates in Lynbrook, New York. InterSoft Associates is a software development consultancy that develops innovative custom solutions to solve complex business problems.

To secure the position, Prabhdeep Singh had a series of two interviews. The initial meeting included a coding test on paper, oral coding/algorithm questions with the Director of Technology. The second meeting included more in-depth technical questions with Senior Developers and then additional prodding and technical questions with the CEO & Director of Technology.

Prabhdeep also demonstrated and discussed the website he created for Senior Project (BCS430W) class and showed the CEO an android app he developed using web services from the same website backend. Finally, Prabhdeep reviewed some projects he worked on at Canon while he was a SDE (Software Development Engineering) Trainee. After the interviews, the technical questions and the show and tell of some of his projects, Prabhdeep received an offer for full-time employment at InterSoft Technologies.

Canon Hire Continues

Spring 2017 graduate Nitin Misra was highlighted in the fall for finishing up his first year of work at Canon USA as a Software Engineer. Nitin was just accepted to the Master in Computer Science program at Georgia Institute of Technology.