

## EDUCATION

**Bachelor of Science**, University of Florida  
*Computer Engineering*  
3.91/4.0

December 2017

**Study Abroad**, Hanyang University  
*Seoul, South Korea*

July 2015 - August 2015

## SKILLS

**Languages:** C++, Java, C#, C, JavaScript, CSS, HTML, VHDL

**Technologies:** Git, Angular.js, Node.js, Knockout.js, MongoDB, MATLAB, Android

**Coursework:** Data Structures and Algorithms, Design Patterns, Discrete Logic, Operating Systems, Database Systems, Software Engineering

## EXPERIENCE

**Software Engineering Intern**, Bloomberg L.P.  
*New York, New York*

May 2017-Aug 2017

- Developed front-end application using JavaScript, Angular and the Keylines graph framework to visualize network communication flow within the Bloomberg network.
- Created multi-threaded Java application to gather and aggregate network data from multiple sources on different machines
- Collaborated with manager and team to decide on the best technologies to use for databases and serving information (chose Ruby on Rails and MySQL2)

**Teacher's Assistant**, University of Florida

*Microprocessor Applications EEL 3744, Digital Logic EEL3701*

Aug 2016 - April 2017

- Facilitated learning and assessed student growth during lab sections
- Provided detailed feedback to best correct individual student misunderstandings

*Signals and Systems EEL 3135*

Jan 2016 - May 2016

- Guided student learning in lecture and individual tutoring
- Tailored explanations to best correct to individual student misunderstandings
- Rewrote MATLAB assignments in order to improve clarity and educational value

**Software Development Intern**, Ultimate Software  
*Weston, FL*

May 2016 - Aug 2016

- Designed and developed web application in JavaScript to ease communication between developers and non-technical domain testers
- Created project plan to track progress and motivate team members towards clear goals
- Implemented agile programming practices to ensure collaboration, quality and efficiency

**Engineering Intern**, Harris Corporation  
*Melbourne, FL*

June 2014 - Aug 2014

- Programmed MSP430 microcontroller in C to transmit encoded text over radio frequency
- Delegated workload amongst group of three interns to maximize efficiency
- Created MATLAB simulations to illustrate information transfer

## LEADERSHIP

**President**, Freshman Leadership Engineering Group  
*University of Florida*

Jan 2016 - Dec 2016

- Developed and executed leadership development curriculum for Freshman Engineers to maximize engagement and growth
- Planned and oversaw executive board, leadership, and organization-wide meetings to cast visions and orchestrate execution