

EDUCATION	University of Central Florida , Orlando FL	August 2014 to December 2018
	<i>B.S. in Computational Mathematics, Minor: Computer Science</i> • <i>Relevant courses:</i> Algorithms & Data Structures, Compilers, Computer Architecture, Computational Theory, Discrete Mathematics, Graph Theory, Statistical Methods & Theory, Linear Algebra, Calculus I-III, Abstract Algebra, Technical Writing & Presentation • <i>Industry coursework:</i> x86 Architecture (MITRE), Open Verification Methodology (Intel) • <i>Organizations:</i> Burnett Honors College, National Center for Women in Information Technology Community	<i>GPA: 3.7/4.0</i>
INTERNSHIPS	Apple Inc. , Cupertino CA	August to December 2017
	<i>Software Engineer Intern, Network Media</i>	
	<i>Software Engineer Intern, Systems Quality Assurance</i>	May to August 2016
	• Developed a Python and JavaScript framework performing user-scenario tests of iOS AirPlay to Apple TV.	
	• Developed a Python utility that uses OpenCV to detect video stalls in media tests.	
	• Brought team's AirPlay test coverage from a few scripts to a full suite of scheduled, automated tests.	
	Intel Corp. , Chandler AZ	May to August 2015
	<i>Design Automation Engineer Intern</i>	
	• Developed a Perl application that analyzes pre-silicon validation regression test metadata to identify anomalous behaviors; led to the identification of unusually long-running tests and a 20% decrease in test time.	
	• Programmed upgrades, configured, and deployed internal Perl continuous integration tool used by 50+ engineers.	
	University of Central Florida- Information Security Office , Orlando FL	January to May 2015
	<i>Security Intern</i>	
	• Conducted web application and social engineering penetration tests of university infrastructure. Conducted malware risk assessments. Used Python to program custom tools. Worked with Chef and Vagrant for IT dept.	
	MITRE Corp. , Tampa FL	June to December 2014
	<i>Software Developer Intern</i>	
	• Developed internal website using HTML, CSS and JavaScript educating employees on STEM outreach.	
	• Developed extensions for internal research knowledge wikis using HTML, CSS, JavaScript, PHP, and Lua.	
RESEARCH	University of Ilmenau, University of Technology , Ilmenau Germany	June to July 2017
	<i>Research Intern, Artificial Intelligence</i> • Developing a Java system that uses techniques in Artificial Intelligence to dynamically generate children's narratives under the mentorship of German researchers.	
	University of Central Florida- Intelligent Systems Lab , Orlando FL	August 2016 to Present
	<i>Undergraduate Research Assistant</i>	
	• Assisting a PhD student to generate models of driving to analyze differences between ADHD and non-ADHD driving. Working with genetic programming and context-based reasoning. Collaborating with Drexel University.	
LEADERSHIP	GitHub	April 2017 to Present
	<i>Campus Expert</i>	
	• Participating in a remote leadership development providing resources to enrich STEM at UCF.	
	University of Central Florida	August 2015 to Present
	<i>Honors Scholars Mentor, Burnett Honors College</i>	
AWARDS	• Mentor freshmen scholarship recipients transitioning to college. Teach internship-search and networking skills.	
	<i>COMPASS Mentor, Initiatives in STEM Office</i>	August to December 2016
	• Mentored STEM-interested freshmen with undecided majors to help retain talent in STEM disciplines.	
	<i>Undergraduate Teaching Assistant</i>	August 2015 to May 2016
	• Held tutoring hours and graded programming assignments for 200-student introductory C programming class.	
SKILLS	• GHC Scholar, Anita Borg Institute (2015): Travel grant to attend Grace Hopper conference (26% acceptance).	
	• Provost Scholar, UCF (2014): Full-tuition merit scholarship awarded to less than 10% of admitted freshmen.	
	C/C++, Java, Python, JavaScript, HTML, CSS, Git, SVN, Unix/Linux use, LaTeX	