

Lauren Hastings

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EDUCATION

University of Central Florida, Orlando FL B.S. in Computational Applied Mathematics, Minor in Computer Science	2014 to 2018 GPA: 3.77
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- **Courses:** Computer Architecture, Introduction to Graph Theory (Spring 2016), Algorithms & Data Structures II, Computer Logic & Organization (Fall 2015), Algorithms & Data Structures I, Object Oriented Programming, Statistical Methods I (Spring 2015), Intro to C Programming, Technical Writing & Presentation, Leadership in Engineering (Fall 2014)
- **Leadership:** Mentor for freshman Provost Scholarship recipients

Industry training: Python Programming, x86 Architecture (Mitre), Open Verification Methodology (Intel)

EXPERIENCE

Software Developer Intern	Apple Inc., Cupertino CA	May 2016 to August 2016
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Undergraduate Teaching Assistant	University of Central Florida, Orlando FL	August 2015 to May 2016
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- Held regular tutoring hours and graded student assignments for introductory C programming class section

Design Automation Intern	Intel Corp., Chandler AZ	May 2015 to August 2015
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- Programmed Perl automation scripts and facilitated upgrades of internally developed CAD tools to improve team's pre-silicon validation environment
- Developed Perl application analyzing hardware regression test metadata for use in validation team decisions, resulted in removal of long-running tests and a significant decrease in overall regression testing time

Security Intern	Information Security Office, University of Central Florida, Orlando FL	January 2015 to May 2015
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- Built proof-of-concept project demonstrating Chef server provisioning on Linux and Windows for IT department
- Conducted client-side web security assessments, programmed Python scripts for network security testing and reported findings to senior staff via technical reports

Software Application Developer Intern	Mitre Corp., Tampa FL	June 2014 to January 2015
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- Designed and developed intranet site providing information and resources to employees regarding intern program and company STEM outreach initiatives using HTML, CSS, JavaScript and the Bootstrap library
- Helped build department Semantic MediaWiki knowledge repository by redesigning UI using HTML and CSS, modifying PHP and JavaScript extensions to improve user-friendliness and programming Lua modules to simplify page maintenance

AWARDS & SCHOLARSHIPS

Provost Scholar	University of Central Florida	2014
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- One of university's most prestigious scholarships, awarded to less than 10% of admitted freshmen

National Award for Aspirations in Computing	National Center for Women in Information Technology	2014
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- Awarded to 35 out of 2,300 applicants for student achievements in computing

SKILLS

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- **Programming languages:** Java, C, Python, JavaScript, Perl, PHP, Lua, C# and MIPS Assembly
 - **Software development:** Object-oriented and functional programming, Git, Agile methodologies, Java GUI (Swing & FX)
 - **Web technologies:** Node.JS, jQuery, HTML, CSS, Sass, Semantic MediaWiki, SharePoint
 - **Tools & Programs:** Chef, Vagrant, Windows and Unix/Linux environment