

# Lauren Hastings

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## Education

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<b>University of Central Florida, Orlando FL</b>	<b>2014 to 2018</b>
<b>B.S. in Computational Applied Mathematics, Minor in Computer Science</b>	<b>GPA: 3.77</b>

- **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

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<b>Undergraduate Teaching Assistant</b>	<b>College of Engineering &amp; Computer Science, University of Central Florida, Orlando FL</b>	<b>August 2015 to May 2016</b>
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- Held regular tutoring hours and graded student assignments for introductory C programming class section

<b>Design Automation Intern</b>	<b>Intel Corp., Chandler AZ</b>	<b>May 2015 to August 2015</b>
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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

<b>Security Intern</b>	<b>Information Security Office, University of Central Florida, Orlando FL</b>	<b>January 2015 to May 2015</b>
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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

<b>Software Application Developer Intern</b>	<b>Mitre Corp., Tampa FL</b>	<b>June 2014 to January 2015</b>
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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

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

<b>National Award for Aspirations in Computing</b>	<b>National Center for Women in Information Technology</b>	<b>2014</b>
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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