

# Lauren Hastings

lhastingsa@gmail.com

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## EDUCATION

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| <b>University of Central Florida, Orlando FL</b>   | <b>2014 to 2018</b> |
| <b>Bachelor of Science in Computational Applied Mathematics, Minor in Computer Science</b>   | <b>GPA: 3.77</b>    |
| <ul style="list-style-type: none"><li>• <b>Courses:</b> Computer Architecture, Introduction to Graph Theory (Spring 2016), Algorithms &amp; Data Structures II, Computer Logic &amp; Organization (Fall 2015), Algorithms &amp; Data Structures I, Object Oriented Programming, Statistical Methods I (Spring 2015), Intro to C Programming, Technical Writing &amp; Presentation, Leadership in Engineering (Fall 2014)</li><li>• <b>Leadership:</b> Mentor for freshman Provost Scholarship recipients</li></ul> |                     |

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

## WORK EXPERIENCE

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|--|---|----------------------------------|
| <b>Undergraduate Teaching Assistant</b>  | <b>University of Central Florida,<br/>Orlando FL</b>                              | <b>August 2015 to present</b>    |
| <ul style="list-style-type: none"><li>• Held regular tutoring hours and graded student assignments for introductory C programming class section</li></ul>  |   |                                  |
| <b>Design Automation Intern</b>  | <b>Intel Corp., Chandler AZ</b>   | <b>May 2015 to August 2015</b>   |
| <ul style="list-style-type: none"><li>• Programmed Perl automation scripts and facilitated upgrades of internally developed CAD tools to improve team's pre-silicon validation environment</li><li>• 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</li></ul>  |   |                                  |
| <b>Security Intern</b>   | <b>Information Security Office, University<br/>of Central Florida, Orlando FL</b> | <b>January 2015 to May 2015</b>  |
| <ul style="list-style-type: none"><li>• Built proof-of-concept project demonstrating Chef server provisioning on Linux and Windows for IT department</li><li>• Conducted client-side web security assessments, programmed Python scrips for network security testing and reported findings to senior staff via technical reports</li></ul>   |   |                                  |
| <b>Software Application Developer Intern</b>   | <b>Mitre Corp., Tampa FL</b>  | <b>June 2014 to January 2015</b> |
| <ul style="list-style-type: none"><li>• 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</li><li>• 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</li></ul> |   |                                  |

## AWARDS & SCHOLARSHIPS

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| <b>Provost Scholar</b>   | <b>University of Central Florida</b>                           | <b>2014</b> |
| <ul style="list-style-type: none"><li>• One of university's most prestigious scholarships, awarded to less than 10% of admitted freshmen</li></ul> |  |             |
| <b>National Award for<br/>Aspirations in Computing</b>   | <b>National Center for Women in<br/>Information Technology</b> | <b>2014</b> |
| <ul style="list-style-type: none"><li>• Awarded to 35 out of 2,300 applicants for academic achievements in computing</li></ul>                     |  |             |

## SKILLS

- **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
- **Web technologies:** Node.js, jQuery, HTML, CSS, Sass, Semantic MediaWiki, SharePoint
- **Tools & Programs:** Chef and Vagrant provisioning, familiar with using Windows and Unix/Linux environments