

Lauren Hastings

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SKILLS

Proficient languages: C, Java, C#, JavaScript **Experience using:** Python, Perl, PHP, Lua
Software development: Object-oriented & functional programming, Agile methodologies, Java GUI (Swing & JavaFX)
Web development: jQuery, front-end design with HTML & CSS, Sass CSS, Semantic MediaWiki, SharePoint
Operating systems: Windows, Unix/Linux (OS basics, command line familiarity, vi/vim editors)
Tools & Programs: Git source control, Vagrant & Chef provisioning, VMWare Workstation, VirtualBox, PuTTY

EDUCATION

University of Central Florida, Orlando FL	Bachelor of Science in Computational Applied Mathematics	2014 to 2018
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- **GPA:** 3.77/4.0
- **Spring 2016 courses:** Computer Architecture, Introduction to Graph Theory
- **Completed courses:** Algorithms & Data Structures II, Computer Logic & Organization (Fall 2015), Algorithms & Data Structures I, Object Oriented Programming, Statistical Methods I (Spring 2015), Programming with C, Technical Writing & Presentation, Leadership in Engineering (Fall 2014)
- **Activities:** Mentor for Provost scholarship recipients, Honors Congress, Cyber Security Club

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

WORK EXPERIENCE

Undergraduate Teaching Assistant	University of Central Florida, Orlando FL	August 2015 to present
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- Held regular tutoring hours and graded student assignments for 220 student C Programming class section

Design Automation Intern	Intel, Chandler AZ	May 2015 to August 2015
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- Developed numerous Perl automation scripts and facilitated upgrades of internally developed CAD tools to improve team's hardware design Linux environment
- Developed Perl application analyzing hardware regression test results for use in validation team decisions

Software Developer Intern	MITRE, Tampa FL	June 2014 to January 2015
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Air Force Portfolio Division Blueprint Wiki

- Redesigned UI of division's first use of MediaWiki as a documentation repository with HTML, CSS and JavaScript
- Modified internally developed PHP and JavaScript extensions to improve user-friendliness and programmed Lua modules to simplify page maintenance

Student STEM Program Site

- Designed and developed intranet site providing information and resources to MITRE employees regarding intern program and company STEM outreach initiatives using HTML, CSS, jQuery, JavaScript and the Bootstrap library

AWARDS & SCHOLARSHIPS

Provost Scholar	University of Central Florida	2014
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- Highest merit scholarship designation

Aspirations in Computing National Competition Winner	National Center for Women in Information Technology	2014
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- National-level award for student achievement in computing and technology