

Lauren Hastings

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SKILLS

Proficient languages: C, Java, Python, JavaScript

Experience using: Perl, PHP, Lua, C#, MIPS Assembly

Software development: Object-oriented and functional programming, Agile methodologies, Java GUI

Web technologies: jQuery, front-end design with HTML & CSS, Sass CSS, Semantic MediaWiki, SharePoint

Operating systems: Windows, Unix/Linux

Tools & Programs: Git, Vagrant & Chef provisioning

EDUCATION

**University of Central
Florida, Orlando FL**

**B.S. in Computational Applied
Mathematics**

3.77/4.0 GPA

2014 to 2018

- **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), C Programming, Technical Writing & Presentation, Leadership in Engineering (Fall 2014)

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

- Held regular tutoring hours and graded student assignments for introductory C programming class

Design Automation Intern

Intel, Chandler AZ

May 2015 to August 2015

- Programmed 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

Security Intern

**Information Security Office, University
of Central Florida, Orlando FL**

January 2015 to May 2015

- Built proof-of-concept project demonstrating Chef server provisioning on Linux and Windows for IT department
- Conducted client-side web security assessments, reported findings to senior staff via technical reports

Software Application Developer Intern

MITRE, Tampa FL

June 2014 to January 2015

Air Force Portfolio Division Blueprint Wiki

- Redesigned UI of division's first use of Semantic 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, JavaScript, jQuery and the Bootstrap library

AWARDS & SCHOLARSHIPS

Provost Scholar

University of Central Florida

2014

- Highest merit scholarship designation

**National Award for Aspirations in
Computing**

**National Center for Women in
Information Technology**

2014