

# 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:** JavaScript & jQuery, front-end design with HTML & CSS, MediaWiki, SharePoint

**Operating systems:** Windows, Unix/Linux (command line familiarity, vi/vim editors, Bash scripting)

**Tools & Programs:** Git source control, Vagrant & Chef provisioning

## EDUCATION

**University of Central Florida,**  
Orlando

**Bachelor of Science in**  
**Computational Applied Mathematics**

2014 to 2018

- **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, Burnett Honors College, 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

- 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

- Developed numerous Perl automation scripts and facilitated upgrades of internally developed CAD tools to improve team's hardware design Linux environment
- Developed Perl application to analyze hardware regression test results for use in validation team decisions

**Software Developer Intern**

**MITRE, Tampa FL**

June 2014 to January 2015

**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 maintenance

**Student STEM Program Site**

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

## AWARDS & SCHOLARSHIPS

**Provost Scholar**

**University of Central Florida**

2014

- Highest merit scholarship designation

**Aspirations in Computing National**  
**Competition Winner**

**National Center for Women in**  
**Information Technology**

2014

- National-level award for student achievement in computing and technology