

Lauren Hastings

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Skills

Languages: Java, C, Python, JavaScript, Perl, PHP, Lua, C#, MIPS Assembly, LaTeX

Software: Object oriented and functional programming, Agile Methodologies, Git, Chef, Vagrant, Windows & Linux usage

Web: jQuery, HTML, CSS, Sass, Node.js, Semantic MediaWiki, SharePoint

Education

University of Central Florida

Orlando, FL

B.S. in Computational Mathematics, 3.73/4.0

2014–2018

- **Courses:** Algorithms & Data Structures, Object Oriented Programming, C Programming, Computer Logic & Organization, Computer Architecture, Statistical Methods I, Introduction to Graph Theory, Technical Writing & Presentation, Engineering Leadership
- **Leadership:** Mentor for freshmen Provost Scholarship recipients (Fall 2015–Spring 2016), COMPASS talent-retention program mentor for undecided STEM-interested freshmen (Fall 2016)

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

Experience

College of Engineering and Computer Science, University of Central Florida

Orlando, FL

Teaching Assistant

August 2015–May 2016

- Graded programming assignments and held tutoring hours for 200 student introductory C programming class

Intel

Chandler, AZ

Design Automation Intern

May 2015–August 2015

- Programmed Perl automation scripts to improve team's pre-silicon validation environment and upgrade CAD tools
- Developed Perl application analyzing and reporting Verilog code regression test metadata for use in validation team decisions, resulted in removal and modification of long-running tests and a decrease in overall regression test time

Information Security Office, University of Central Florida

Orlando, FL

Security Intern

January 2015–May 2015

- Conducted client-side web security assessments and programmed Python scripts for network security testing, reported findings to senior staff via technical reports
- Built proof-of-concept project demonstrating Chef server provisioning of LAMP stacks on Linux and Windows virtual machines for IT department

MITRE

Tampa, FL

Software Developer Intern

June 2014–January 2015

- Designed and developed intranet site educating employees on company STEM outreach initiatives using HTML, CSS, JavaScript and Bootstrap library
- Developed for prototype collaborative documentation Semantic MediaWiki by redesigning UI using HTML and CSS, modifying PHP and JavaScript extensions to add features, programming Lua modules to replace complicated MediaWiki templates and programming Python scripts to automate document uploads on server

Awards & Scholarships

Provost Scholar

2014

University of Central Florida

- One of university's most prestigious scholarships, awarded to less than 10% of admitted freshmen

National Award for Aspirations in Computing

2014

National Center for Women in Information Technology

- Awarded to less than 2% (35/2,300) of applicants for academic achievements in computing