Lauren Hastings

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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

EDUCATION

University of Central Florida, Orlando FL   2014 to 2018
Bachelor of Science in Computational Applied Mathematics, Minor in Computer Science   **GPA**: **3.77**

- **Courses**: Computer Architecture, Introduction to Graph Theory (Spring 2016), Algorithms & Data Structures II, Computer Logic & Organization (Fall 2015), Algorithms & Data Structures I, Object Oriented Programming, Statistical Methods I (Spring 2015), Intro to C Programming, Technical Writing & Presentation, Leadership in Engineering (Fall 2014)
- **Leadership**: Mentor for freshman Provost Scholarship recipients

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

WORK EXPERIENCE

Software Engineering Intern   **Apple Inc**., Cupertino CA   May 2015 to present

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

Design Automation Intern   **Intel Corp**., Chandler AZ   May 2015 to August 2015
- Programmed Perl automation scripts and facilitated upgrades of internally developed CAD tools to improve team's pre-silicon validation environment
- 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

Security Intern   **Information Security Office**, **University** January 2015 to May 2015
                                             of Central Florida, Orlando FL
- Built proof-of-concept project demonstrating Chef server provisioning on Linux and Windows for IT department
- Conducted client-side web security assessments, programmed Python scrips for network security testing and reported findings to senior staff via technical reports

Software Application Developer Intern   **MITRE Corp**., Tampa FL   June 2014 to January 2015
- 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
- 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

AWARDS & SCHOLARSHIPS

Provost Scholar   **University of Central Florida**   2014
- One of university's most prestigious scholarships, awarded to less than 10% of admitted freshmen

National Award for   **National Center for Women in**   2014
Aspirations in Computing   **Information Technology**
- Awarded to 35 out of 2,300 applicants for academic achievements in computing