Lauren Hastings

CONTACT
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SKILLS
C/C++, Java, Python, JavaScript, Ruby, Lua, PHP, Perl, Bash, MIPS Assembly, LaTeX, HTML, CSS, Sass, Git, SVN, Unix/Linux & Windows, Chef, Vagrant, OpenCV, MediaWiki

EDUCATION

University of Central Florida, Orlando FL   **August 2014 to August 2018**
B.S. in Computational Mathematics   **GPA**: 3.73/4.0
- **Provost Scholar**: Full-tuition merit scholarship awarded to less than 10% of Honors freshmen
- **Current courses**: Computational Theory, Statistical Theory I, Linear Algebra
- **Completed courses**: Computer Architecture, Graph Theory (Spring 2016), Algorithms & Data Structures II, Computer Logic & Organization (Fall 2015), Algorithms & Data Structures I, Object Oriented Programming, Discrete Mathematics, Statistics I (Spring 2015), C Programming, Technical Writing & Presentation, Engineering Leadership (Fall 2014)

EXPERIENCE

University of Central Florida- Intelligent Systems Lab
Undergraduate Research Assistant   **August 2016 to May 2017**
- Assisting a PhD student in developing machine learning models of ADHD teen driving
- Collaborating with researchers at Drexel University and the Children's Hospital of Philadelphia
- Currently integrating new variable monitoring into traffic simulator using C++ & OpenGL

Apple, Cupertino CA
Apple TV Systems QA Automation Intern   **May to August 2016**
- Developed a Python & JavaScript framework performing end-to-end, user-scenario tests of iOS AirPlay to Apple TV; utilized Python multi-threading to synchronize multi-device tests
- Developed a solution for verifying media playback in music & video app tests using OpenCV to analyze screen motion; integrated solution as endpoint in Raspberry Pi Ruby Puma server

Intel, Chandler AZ
Design Automation Intern   **May to August 2015**
- Developed tool extracting and analyzing metadata in pre-silicon validation regression test logs to identify and report run-time issues to team's web dashboard; used Perl, PHP & SQL
- Upgraded, configured and deployed team's internal continuous integration tool

University of Central Florida- Information Security Office
Security Intern   **January to May 2015**
- Conducted client-side web and social engineering penetration tests of university infrastructure

MITRE, Tampa FL
Software Application Developer Intern   **June to December 2014**
- Designed & developed ASP.NET website educating employees on company STEM outreach
- Used HTML, CSS, JavaScript & jQuery

TEACHING & MENTORSHIP

University of Central Florida- Center for Initiatives in STEM
COMPASS Mentor   **August to December 2016**
- Provide support to 6 STEM-interested, undecided-major freshmen in academics, college transition and career exploration with the goal of retaining talent in STEM disciplines at UCF

University of Central Florida- College of Engineering & Computer Science
Undergraduate Teaching Assistant   **August 2015 to May 2016**
- Provided tutoring and graded assignments for 200-student introductory C programming class