Lauren Hastings

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EDUCATION

University of Central Florida, Orlando FL	**Fall 2014 to Summer 2018**
B.S. **in Computational Applied Mathematics, Minor in Computer Science**	**GPA**: **3.77**

- **Courses**: Algorithms & Data Structures, Object Oriented Programming, C Programming, Computer Logic & Organization, Computer Architecture, Statistical Methods I, Graph Theory, Technical Writing & Presentation, Engineering Leadership
- **Leadership**: Mentor for Provost Scholar freshmen majoring in Computer Science

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

EXPERIENCE

Undergraduate Teaching Assistant	**University of Central Florida**, Orlando FL	**August 2015 to May 2016**

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

Design Automation Intern	**Intel Corp**., Chandler AZ	**May 2015 to August 2015**

- Programmed Perl automation scripts to improve team's pre-silicon validation environment and upgrade CAD tools
- Developed Perl application analyzing and reporting 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 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 and programmed Python scripts for network security testing

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

- Developed intranet site providing information to employees regarding company STEM outreach using HTML, CSS, JavaScript and Bootstrap library
- Developed for 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 replace complicated WikiText templates

AWARDS & SCHOLARSHIPS

GHC Scholarship Grant	**Anita Borg Institute**	**2015**

- Among the 26% of applicants awarded grant to attend the 2015 Grace Hopper Celebration of Women in Computing Conference in Houston, Texas

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 Aspirations in Computing	**National Center for Women in Information Technology**	**2014**

- Awarded to less than 2% of applicants for student achievements in computing

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 (Swing & FX)
- **Web technologies**: jQuery, HTML, CSS, Sass, Semantic MediaWiki, SharePoint
- **Tools & Programs**: Chef, Vagrant, Windows and Unix/Linux environments