

MAXWELL CIOTTI

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EDUCATION

University of Houston 2015–2017

Pursuing B.S., Computer Science & Mathematics minor

- Coursework in digital media, computer sciences, and mathematics

Lone Star College 2014

- Involvement in the Society of Math and Engineering and the Computer Science Club

Florida Institute of Technology 2013–2014

Aerospace Engineering

- Coursework in engineering, mathematics, and space sciences
- Involvement in AIAA, Student Rocket Society, ACM, IEEE AESS

EMPLOYMENT

H-E-B Aug 2014–Dec 2014

Customer Service Partner

Florida Institute of Technology ERC Jan 2014–May 2014

Application developer

- Created and maintained a system to log EPA inspections for the Florida Institute of Technology
- Developed a REST API and server-side utilities for managing and viewing reports
- Developed a cross-platform touch-friendly logging application
- Acted as office tech support

Austin First Mortgage Summer 2012

Contractor, website development

- Created internal utilities to streamline loan processing involving financial calculations
- Developed the public website so that users can easily access loan information

VeritasU Summer 2012

Intern, software application design and development

- Collaborated with a startup to create an online learning management system
- Created a logo and designs for various pages within the application

SKILLS & ABILITIES

Computer Software

Extensive experience with:

- creating interactive websites and website designs
- document processing such as Microsoft Word and LaTeX
- slideshow programs such as Microsoft PowerPoint
- spreadsheet programs such as Microsoft Excel

Intermediate experience with:

- CAD software such as AutoDesk Inventor and Creo Parametric
- computational software such as MATLAB and Mathematica
- graphics software such as Adobe Photoshop, Adobe Illustrator

Computer Programming

- Experience with UNIX-like terminals and compiling software
- Experience with version control systems such as Git
- Experience with REST APIs and SQL/Object-Store databases

Known programming languages and paradigms, in order of experience

- JavaScript, CSS, HTML, C, C++, Fortran, PHP, Ruby, Lua, Make, Bash, Batch Script

Electronics

- Familiar with computer components and building computers
- Familiar with breadboard prototyping, FPGAs, and soldering
- Experience with digital logic circuit design and state machines

Graphic Design

- Matured sense of design in graphic arts
- Experience with GUI and UX design

Updated 14 June 2015