

Jonathan Lowe

107A Piedmont Rd. Charlottesville, V.A. 22903

linkedin.com/in/jonathanglowe | (540) 874 - 4913 | jonglowe@aim.com

EDUCATION

University of Virginia School of Engineering, Charlottesville, V.A.

B.S. Computer Engineering

(anticipated) December 2017

- GPA 3.97

Central Virginia Community College, Lynchburg, V.A.

A.S. Engineering

Fall 2014

- GPA 3.95
- Merit-based, full-tuition scholarship recipient from Central Virginia Community College and the Engineering Advisory Committee

SKILLS

C, C++, Python, Java, JavaScript, VHDL, PHP, HTML, CSS, Reason, Django, Rust, LabView, Git

WORK EXPERIENCE

University of Virginia Charlottesville, V.A.

Teaching Assistant, Intro to Embedded Systems

Fall 2016 – Spring 2017

- Helped students, in class of 50, understand course material and debug their projects for 8 hours a week

Wexler Consulting Group, Alexandria, V.A.

Developer

Summer 2016

- Developed 2 marketing software products including a chrome extension and WordPress plugin using JavaScript and PHP

Interface Analyst

Fall 2014 – Fall 2015

- Managed 5 client accounts; provided support to clients; responded to client questions and requests
- Implemented 5 automated email marketing campaigns on Infusionsoft, per month
- Provided IT support for the office
- Performed web development for clients, customized web forms with HTML and CSS; Edited WordPress sites adding opt-ins; Built a website

Intern

Summer 2014

- Learned to use Infusionsoft independently through internet research
- Provided administrative support for the office

PROJECTS

Processor Design

Spring 2017

- Designed a 16-bit RISC processor using VHDL and ModuleWare

Web Application

Spring 2017

- Wrote a secure file sharing web application using Python and Django

Programming Language Interpreter

Spring 2017

- Wrote an interpreter for Cool using Java, Python, JavaScript and Reason

Accelerometer Calculator Game

Spring 2016

- Implemented a serial communication protocol between a TI 84 calculator and a MSP430 microcontroller and used an accelerometer to move a dot around the screen of the calculator

EXTRACURRICULARS

Legion of Mary, Falls Church, V.A.

Summer 2014 – Fall 2015

- Performed 2 hours of community outreach a week: visiting nursing homes and home visits

Classical Piano, Lynchburg, V.A.

Fall 2001 – Fall 2012