

JASON DOWNING

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Education

University of Massachusetts Lowell
Bachelor of Science in Computer Science

Lowell, MA
Expected May 2017
GPA: 3.3

Technical Skills

Proficient: C, C++, Java, JavaScript (jQuery), CSS (Bootstrap)
Familiar: SQL (MySQL), Python, COBOL
Operating Systems: Linux (Ubuntu), Android, Windows, Mac OS
Software: Git, Android Studio, Visual Studio, Vim

Work Experience

Fidelity Investments
Android Developer Intern
Merrimack, NH
May 2016 – August 2016

- Created new User Interface layouts in XML by using Android Studio
- Added functionality to the app by writing new Java classes
- Explored various Android APIs such as the Google Maps Android AP
- Experimented with new Android technologies (Wearables, TV, Geolocation)

Fidelity Investments
Mainframe Developer Intern
Merrimack, NH
May 2015 – August 2015

- Developed batch programs in COBOL, along with JCL to run the batch jobs
- Modified existing CICS COBOL programs to improve their performance
- Worked with DB2 databases, and wrote SQL statements to query DB2 tables

University of Massachusetts Lowell
Engaging Computer Lab, Research Assistant
Lowell, MA
September 2014 – May 2016

- Developed an API wrapper for a REST API in C++ using cURL
- Contributed to the development of the JavaScript and Python API wrappers
- Fixed client side bugs on a full stack website

University of Massachusetts Lowell
Engaging Computer Lab, Co-op Scholar Intern
Lowell, MA
May 2014 – August 2014

- Built several web apps using HTML, CSS and JavaScript
- Utilized the Google Maps JavaScript API, and the iSENSE REST API

Projects

Ski Maps
April 2016

- Created a website for viewing live ski conditions of various ski resorts
- Wrote front end HTML, CSS, and JavaScript, as well as backend Python
- Managed the project's GitHub repository with three other students

iPhone Repair Website
January 2015

- Worked with two other students to build a front end webpage for an iPhone Repair business
- Utilized a Git repository on GitHub to collaborate remotely

Eagle Scout
November 2010

- Designed and led the construction of a shed for the Merrimack Historical Society
- Fundraised the entire cost of the shed through candy sales