

## JASON DOWNING

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### Education

University of Massachusetts Lowell  
Bachelor of Science in Computer Science  
Cumulative GPA: 3.4

Lowell, MA  
May 2017

### Technical Skills

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

### Work Experience

Fidelity Investments  
Android Developer Intern  
• 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)

Merrimack, NH  
May 2016 – August 2016

Fidelity Investments  
Mainframe Developer Intern  
• 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

Merrimack, NH  
May 2015 – August 2015

University of Massachusetts Lowell  
Engaging Computer Lab, Research Assistant  
• Developed an API wrapper for a REST API in C++ using cURL  
• Contributed to the development of the JavaScript and Python API wrappers  
• Built several web apps using HTML, CSS and JavaScript  
• Utilized the Google Maps JavaScript API, and the iSENSE REST API

Lowell, MA  
May 2014 – May 2016

### Projects

Database II Online Bookstore Project  
• Created a full stack website with another UML student, using XAMP  
• Wrote SQL queries for the MySQL database, and PHP code for querying the database  
• Developed an Android application to connect to the XAMP server

January 2017 – May 2017

Ski Maps  
• 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

April 2016

UML Alerts  
• Worked with another UMass Lowell student to develop an Android application  
• Developed the app in Java, and utilized the Google Maps Android API

May 2015

Eagle Scout  
• Designed and led the construction of a shed for the Merrimack Historical Society

November 2010