JASON DOWNING

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EMPLOYMENT

Software Engineer II   **Raytheon Technologies**   **August 2019 – Present**
- Worked on a scrum team, developing Java based services utilizing Docker, containers, Maven, Git, and the Atlassian collaboration suite
- Integrated a system of C++ applications with a newer version of RedHat Linux
- Contributed to a Six Sigma project that involved creating Grafana Dashboards that pull from an InfluxDB database powered by automated Python scripts, delivering over $50,000 in cost savings annually
- Developed Python Scripts for simulating an external interface that was used to test an embedded system
- Utilized C and C++ to work on an embedded military system
- Created and maintained unit tests for testing of individual source code components

System Engineer II   **BAE Systems**   **April 2018 – August 2019**
- Utilized C#, ASP.NET, JavaScript, CSS/Bootstrap, and SQL Server to create a web application that replaced a complex spreadsheet workflow, which ultimately saved the company over $100,000 per year
- Developed new features for a C# .NET automation system that used HTML5 with AngularJS, Bootstrap, jQuery, and SQLite
- Maintained a C++ application and added new features that enabled it to interface with an internal automation system

Software Developer   **Creative Logistics Solutions**   **July 2017 – April 2018**
- Developed a web service that integrates with an XML based REST API for an international express delivery carrier, which replaced a licensed external interface
- Implemented a C# .NET web service for a regional overnight shipping carrier, and completed the project a week ahead of schedule
- Created a web service for connecting to a government REST API, enabling the system to screen potential parties involved in regulated US exports

Android Developer Intern   **Fidelity Investments**   **May 2016 – August 2016**
- Developed new features for the Fidelity Android app using Java and XML
- Designed new User Interface layouts using Android Studio
- Experimented with Android Wear, and created a prototype Android Wear app

Mainframe Developer Intern   **Fidelity Investments**   **May 2015 – August 2015**
- Developed batch programs in COBOL, and created JCL to run COBOL batch jobs
- Modified existing CICS COBOL programs to improve their performance
- Worked with DB2 databases, and wrote SQL statements to query DB2 tables

EDUCATION

Lowell, MA   **University of Massachusetts Lowell**   **Fall 2013 - May 2017**
- Bachelor of Science in Computer Science, May 2017. Cumulative GPA: 3.4.
- Undergraduate Coursework: Android App Development, Databases, Graphical User Interfaces (GUI), Computer Architecture, Operating Systems, Functional Programming (Racket)

TECHNICAL SKILLS

- C / C++, Python, C#, JavaScript, CSS, SQL (SQL Server), Java
- .NET, ASP.NET, AngularJS, Bootstrap, jQuery, JSON, XML, Windows, Linux, Git