

## EMPLOYMENT

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| <b>System Engineer II</b>   | <b>BAE Systems</b>                        | <b>April 2018 – Present</b>   |
| <ul style="list-style-type: none"><li>• Developed new features and bug fixes for a C# .NET server backend with a HTML5 front-end UI written with AngularJS and Bootstrap</li><li>• Improved an automated testing system, allowing it to run multiple overnight test schedules</li></ul>   |   |                               |
| <b>Software Developer</b>   | <b>Creative Logistics Solutions</b>       | <b>July 2017 – April 2018</b> |
| <ul style="list-style-type: none"><li>• Created a web service for connecting to a government REST API, enabling the system to screen potential parties involved in regulated US exports</li><li>• Implemented a C# .NET web service for a regional overnight shipping carrier, and completed the project a week ahead of schedule</li><li>• Developed a web service that integrates with a XML based REST API for an international express delivery carrier</li></ul> |   |                               |
| <b>Android Developer Intern</b>   | <b>Fidelity Investments</b>               | <b>May 2016 – August 2016</b> |
| <ul style="list-style-type: none"><li>• Developed new features for the Fidelity Android app in Java and XML</li><li>• Designed new User Interface layouts using Android Studio</li><li>• Experimented with Android Wear, and worked on a prototype Android Wear app</li></ul>   |   |                               |
| <b>Mainframe Developer Intern</b>   | <b>Fidelity Investments</b>               | <b>May 2015 – August 2015</b> |
| <ul style="list-style-type: none"><li>• Developed batch programs in COBOL, and created JCL to run COBOL batch jobs</li><li>• Modified existing CICS COBOL programs to improve their performance</li><li>• Worked with DB2 databases, and wrote SQL statements to query DB2 tables</li></ul>   |   |                               |
| <b>Research Assistant</b>   | <b>University of Massachusetts Lowell</b> | <b>May 2014 – May 2016</b>    |
| <ul style="list-style-type: none"><li>• Developed an API wrapper for an internal REST API in C++ using cURL and PicoJSON</li><li>• Contributed to the development of JavaScript and Python API wrappers</li><li>• Created HTML5 Web apps as a demo of the JavaScript API wrapper and for use in research projects</li></ul>   |   |                               |

## EDUCATION

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| <b>Lowell, MA</b>   | <b>University of Massachusetts Lowell</b> | <b>Fall 2013 - May 2017</b> |
| <ul style="list-style-type: none"><li>• Bachelor of Science in Computer Science, May 2017. Cumulative GPA: 3.4.</li><li>• Undergraduate Coursework: Android App Development, Database Design, Graphical User Interfaces (GUI), Computer Architecture, Operating Systems</li></ul> |   |                             |

## PROJECTS

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- **Loan Repayment** (2017 – 2018). Loan Interest Calculator, focusing on Student Loan Debt. HTML, CSS, JavaScript, Bootstrap, Vue.js.
- **Racket Weather** (2016). Semester long group project, built using Racket to display a 10-day forecast with data pulled from the OpenWeatherMap API. Racket, JSON.
- **Ski Maps** (2016). Front-end website for viewing skiing conditions for six New Hampshire ski resorts, allowing users to view conditions of multiple mountains on one page. HTML, CSS, JavaScript, Python.

## TECHNICAL SKILLS

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- C#, JavaScript, CSS, SQL, Java, Racket, C / C++
- .NET, jQuery, Bootstrap, JSON, XML, Linux, Git