# Alec Ge

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Available January - August 2019

## Education

**Northeastern University** **Boston, MA**
*B.S. in Computer Science* *September 2016 - Present*
*College of Computer and Information Science* *GPA: 3.6 / 4.0*

- Dean's List
- Relevant Courses: Computer Systems, Objected Oriented Design, Programming in C++, Algorithms and Data Structures

## Skills

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|---|---|
| **Languages** | Proficient in: Java, Python and C++ for Object Oriented Programming<br>Familiar with: HTML, CSS, JavaScript, Go, C, Bash |
| **Technologies** | Proficient with: Bash, Git, Linux, Boost C++ Libraries, Selenium<br>Familiar with: Vue, NodeJS, Docker, SQL, Apache2 |
| **Other** | Proficient with: AGILE (SCRUM), JIRA |

## Work Experience

**Thermo Fisher Scientific** **Franklin, MA**
*Software Engineer Co-op* *January 2018 - June 2018*

- Designed and implemented components in a SCRUM environment for a new low-cost air monitoring software platform to improve air quality in developing countries
- Created generic Linux I²C drivers to allow easy management and usage of multiple I²C devices
- Assisted in selecting tools to improve developer communication, operations, and productivity
- Improved, refactored, and extended legacy C instrument firmware to improve performance and add features for customers
- *Technologies used: C++11, Linux, Boost C++ Libraries, C, Git, I²C, SPI, Angular, NodeJS (Webpack), HTML, CSS*

## Personal Projects

### WWII Enlistment Visualizations

*In Progress* *github.com/alecge/wwii-enlistment-scrape*

- Created python script using selenium to scrape and transform publicly searchable WWII enlistment records from archives.gov
- Performed analysis and created visualizations using Vue
- *Technologies used: Python, JavaScript, Docker, Selenium, Vue, NodeJS, HTML, CSS*

### Tabulate

*In Progress* *github.com/alecge/tabulate*

- Created a Chrome extension in JavaScript to easily manage tabs across workspaces and windows
- *Technologies used: JavaScript, HTML, CSS*

**References available upon request**