

# Alec Ge

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Available January - August 2019

## Education

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### 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  
Familiar with: HTML, CSS, JavaScript, C, Bash

**Technologies** Proficient with: Bash, Git, Linux, Boost C++ Libraries, Selenium  
Familiar with: Vue, NodeJS, Docker, SQL, Apache2

## Work Experience

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### Thermo Fisher Scientific

**Franklin, MA**

*Software Engineer Co-op*

*January 2018 - June 2018*

- Developed new software platform for low cost distributed air monitoring to improve air quality in developing countries
- Improved, refactored, and extended legacy C firmware to improve performance and add features for instrument hardware
- *Technologies used: C++11, Boost C++ Libraries, C, I<sup>2</sup>C, SPI, Angular 5, NodeJS (Webpack), HTML, CSS*

## Personal Projects

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### WWII Enlistment Visualizations

*In Progress*

*github.com/alecge/*

- 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