# **Cameron Joseph Fife**

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**Education**

## **B.S. Computer Science, Brigham Young University – Idaho 2014 – 2018**

## **GPA: 3.93**

Courses:

Linear Algebra, Calculus I & II, Data Structures, Algorithms, Discrete Math I & II, Web Engineering, Computer Architecture, Data Wrangling & Visualizations, Machine Learning, Operating Systems

Extra-Curricular:

Co-founder and secretary for Artificial Intelligence Society, lecturer for Discrete Math II, TA for Data Structures, TA for Data Wrangling & Visualizations

Online Schooling:

Harvard Business School: Core classes (Passed with Honors)

Coursera: Algorithms, Data Structures, and Graph Algorithms (Passed, no grades assigned)

### **Skills**

**Most Experienced:** C++, Ember.js, Git

**Worked With:** Java, Firebase, HTML/CSS, JavaScript, Android, Shell, Node.js, Python, R, ggplot, Leaflet, AngularJS, Lisp, Subversion, SQL

**Dabbled With:** timetk, lubridate, YOLO, Rust, Ruby, Visual Basic, Jenkins

**Experience**

**Chicago Venture Partners | Intern | Chicago, Il Summer 2016 & 2017**

Implemented the login system used for our Ember.js web app using Firebase with Torii. Implemented changes and augmentations to the site (e.g. adjusted models, added templates, fixed various routing bugs).

Wrote Bash scripts for converting high resolution uncompressed images to ones consumable by marketing and web teams, i.e. compressed images in various resolutions, sizes and color spaces. Heavily utilized open source image processing utility (ImageMagick). Resized/processed images were programmatically uploaded to web servers and image libraries/repositories.

Usually worked on my own.

**Clearwater Analytics | Intern | Boise, ID Fall 2017**

Worked as Full-stack developer on a team of 8 developers using Java, Subversion, Microsoft SQL and AngularJS. Taken features and patches from development to production and worked in an Agile Development environment.

**New York City Vehicle Fatalities | School Project Summer 2018**

Created an R-Markdown presentation using R, ggplot, and Leaflet, visualizing the relationship between vehicle accidents and vehicle fatalities, in the various neighborhoods in New York City.