# **Cameron Joseph Fife**

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**Education**

## B.S. Computer Science, Brigham Young University – Idaho **2014 – 2019**

## GPA: 3.93/4.0

**Courses**:

Linear Algebra, Calculus I & II, Data Structures, Algorithms, Discrete Math I & II, Web Engineering, Computer Architecture

**Extra-Curricular**:

Co-founder and secretary for artificial intelligence society, lecturer for discrete math, and TA for data structures course

**Online Schooling:**

**Harvard Business School Core:** Accounting, Business Statistics, Economics, Passed with Honors

**Coursera:** Algorithms, Data Structures, and Graphs taught by University of California, San Diego

### **Skills**

**Languages:** C++, Java, html/css, JavaScript, Lisp, Shell, NodeJS, Python

**Frameworks:** EmberJS, Android, AngularJS

**Tools:** Git, Firebase, ImageMagick, Cloudinary

**Experience**

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

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

**Typenex Medical** | Intern| Chicago, Il **Summer 2016**

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.

**Protaskinate** | Final Project | School **Fall 2016**

Created Android App that automatically created and uploaded Events into the Google Calendar based on the user’s homework Assignments. Wrote logic that prevented overlap with existing events in Google Calendar. Wrote Greedy Algorithm to evenly distribute events across the Calendar.