CAMERON JOSEPH FIFE

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EDUCATION   2014 – 2019

B.S. COMPUTER SCIENCE, BRIGHAM YOUNG UNIVERSITY – IDAHO

GPA: 3.93/4.0

AWARDS: dean's list

EXTRA-CURRICULAR: co-founder and secretary for artificial intelligence society, lecturer for discrete math, and TA for data structures course

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

ONLINE EDUCATION

HARVARD BUSINESS SCHOOL CORE – Accounting, Business Statistics, Economics, Passed with Honors

COURSERA: algorithms, data structures, and graphs taught by University of California, San Diego

PROGRAMMING LANGUAGES

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

FRAMEWORKS: EmberJS, Android, AngularJS

TOOLS: Git, Firebase, ImageMagick, Cloudinary

WORK

CHICAGO VENTURE PARTNERS   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   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.

PROJECTS

PROTASKINATE   FALL 2016

Final Project for CS 246, 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.