CAMERON JOSEPH FIFE

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COMPUTER SCIENCE, EXPECTED GRADUATION FALL 2019, BYU-IDAHO

CURRENT GPA: 3.93/4.0
Honors & Awards: Dean's List
Extra-Curriculars: Co-Founder and Secretary for Artificial Intelligence Society, Lecturer for Discrete Math, TA for Data Structures course at BYU-Idaho

EXPERIENCE (MOST PROFICIENT LISTED FIRST)

LANGUAGES: C++, JAVA, HTML/CSS, JAVASCRIPT, LISP, SHELL, NODEJS, PYTHON
FRAMEWORKS: EMBERJS, ANDROID, ANGULARJS
TOOLS: GIT, FIREBASE, IMAGEMAGICK, CLOUDINARY

WORK

CHICAGO VENTURE   [SUMMER 2017]

EMBERJS – I IMPLEMENTED THE LOGIN TOOL USED FOR OUR EXISTING WEBSITE CALLED "BLOG-ADMIN". I ALSO WROTE SMALL CHANGES TO AUGMENT THE SITE (I.E. ADJUSTING MODELS, ADDING TEMPLATES, FIXING VARIOUS ROUTING BUGS).

TYPENEX   [SUMMER 2016]

I WROTE A BASH SCRIPT THAT RESIZES ALL THE .TIF FILES IN A DIRECTORY USING IMAGEMAGICK. RESIZED IMAGES THEN ARE UPLOADED INTO TYPENEX'S WEB SERVER.

PROJECTS

PROTASKINATE

FINAL PROJECT FOR CS 246, CREATED ANDROID APP THAT AUTOMATICALLY CREATES AND UPLOADS EVENTS INTO THE GOOGLE CALENDAR BASED OFF THE USER'S HOMEWORK ASSIGNMENTS. I ENSURED THAT EVENTS DIDN'T OVERLAP WITH EXISTING EVENTS IN GOOGLE CALENDAR.

HABIT BUILDER

FINAL PROJECT FOR EC 327, CREATED ANDROID APP THAT ALLOWS USERS TO CREATE AND TRACK THEIR HABITS BY CHECKING OFF WHICH DAYS THEY COMPLETED ACTIVITIES. I WROTE THE ALGORITHM THAT SAVES THE USER'S DATA INTO A TEXT FILE VIA BREADTH-FIRST SEARCH. ALSO, I DEMO THE APP IN THIS VIDEO: goo.gl/mXKxjo

ONLINE EDUCATION

HARVARD BUSINESS SCHOOL CORe – PASSED WITH HONORS
COURSERA: ALGORITHMS TAUGHT BY UC SAN DIEGO