

# CAMERON FIFE

(312) 919-1494 | cameronfife@hotmail.com | <https://github.com/keanedawg>

---

## EDUCATION

### COMPUTER SCIENCE, EXPECTED GRADUATION FALL 2019, BYU-IDAHO

**CURRENT GPA:** 3.93/4.0

**UNIVERSITIES ATTENDED:** BYU-IDAHO, BOSTON UNIVERSITY

**Clubs:** Secretary of AI Society, Rocket Dynamics, Parking Committee

**Work:** Grader for Data Structures

**Honors & Awards:** Dean's List (Boston University)

### ADDITIONAL EDUCATION (MOOCs)

**HARVARD BUSINESS SCHOOL CORE** - PASSED WITH HONORS

**COURSERA:** ALGORITHMIC TOOLBOX, DATA STRUCTURES, GRAPHS

## PROGRAMMING PROJECTS

### PROTASKINATE

[FALL 2016]

**CREATED ANDROID APP** WITH A TEAM OF 3 OTHER PEOPLE TO HELP USERS MANAGE HOMEWORK/TASKS BY WORKING WITH GOOGLE CALENDAR.

**DESIGNED PARCELABLE** TO ALLOW USERS TO SEND LINKED LISTS OF OUR CUSTOM-MADE TASK CLASS TO BE SENT ACROSS ANDROID ACTIVITIES.

**DESIGNED ALGORITHM** TO INSERT TASKS WHICH DON'T OVERLAP WITH PREVIOUSLY EXISTING EVENTS IN GOOGLE CALENDAR.

**CREATED INHERITANCE MODEL** SO THAT USERS CAN SELECT AN ALGORITHM THAT MATCHES HOW THEY WANT TO MANAGE THEIR SCHEDULE.

### IMAGE CONVERTER

[SUMMER 2016]

**WORKED FOR TYPENEX** WROTE A BASH SCRIPT THAT CONVERTS, RESIZES, RENAMES, AND UPLOADS .TIF FILES TO THE TYPENEX WEB SERVER. FILE RESIZING COULD BE SET BY THE USER. SCRIPT LOOKED FOR COMMON NAMING ERRORS AND FIXED THEM.

### HABIT BUILDER

[FALL 2015]

**CREATED ANDROID APP** WITH A TEAM OF 3 OTHER PEOPLE TO HELP USERS MAKE AND KEEP TRACK OF DAILY GOALS.

**USER DEMO** INCLUDED (<https://goo.gl/mXKxjo> - 5 MINUTE VIDEO)

**DESIGNED AND WROTE** THE ALGORITHM TO EFFICIENTLY SAVE DATA IN A .TXT FILE USING A BREADTH-FIRST SEARCH TO SAVE ELEMENTS IN A STACK AND POP THEM OFF