

# James Lee

## Computer Science Modified with Digital Arts

A passion for beautiful code,  
design, and art.

### CONTACT



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### TECHNICAL SKILLS

Python  
Java  
C  
HTML  
CSS  
Javascript  
SQL  
Firebase  
Android Studio  
React  
ReactNative

### SOFTWARE

Photoshop  
Illustrator  
Maya  
Sketch  
Figma

## WORK EXPERIENCE

- July 2018 - Present **Balance International** | Front End Developer  
Front end app development for a wellness app using React Native under Balance International.
- 2015 - Jan 2018 **Ivy Prep Academy** | Tutor  
Tutored students between elementary and high school levels in various subjects and in SAT and SSAT test prep.
- 2015- 2016 **Tennis Coach** | Self Employed  
Coached several students of all ages through self-advertisement by Craigslist and word-of-mouth.
- Summer 2015 **University of Hawaii Cancer Center** | Intern  
Interned under Dr. Shirely Young-Robbins to research the effects of the RSK2 protein in cell migration and cancer metastasis. Learned and utilized technologies such as PCR chambers, centrifuges, and autoclaves, as well as softwares for gel electrophoresis analysis, for cell irradiation to monitor specific protein activity, and for detection and quantification of bacteria density/growth.

## PROJECTS

- Jun 2018 - Present **Unmasked** | Full Stack Development / UI and UX design  
I am working with a team to develop a mental health app that fosters a community in which students can safely and anonymously message and support peers going through mental health issues. Am working on UI/UX design as well as development using React Native, Express, Node, and MongoDB.
- Summer 2018 **Wen's Tea** | Web development  
Developed a personalized website for a local business using HTML, CSS, and Javascript.
- Spring 2018 **D-Path** | Android Development  
An android app developed from scratch in which users can look through Dartmouth College courses, and rate them. Based on these ratings, and the ratings of other students, the app uses a collaborative filtering algorithm to recommend courses for each user. Created using Android Studio, Photoshop, Illustrator, Sketch, and Firebase.
- Spring 2018 **'Criminal' Short Animation** | Maya Computer Animation  
Final Project Animation created using Maya and the culmination of knowledge of basic animation principles.
- Winter 2017 **Home and Biped Model** | Maya 3D Modeling  
3D model projects of a home and a biped character using Maya.

## EDUCATION

- 2016- Present **Dartmouth College** | Hanover, NH  
Cumulative GPA: 3.65 Major GPA: 3.80  
Major: Computer Science modified with Digital Arts  
Extracurricular Involvement: Big Sib Little Sib Volunteering (Co-President), Dartmouth Mental Health Union, Badminton Club  
Relevant Coursework: Intro to Programming and Computation | Problem Solving via Object-Oriented Programming | Software Design and Implementation | Smartphone Programming | 3D Digital Modeling | Computer Animation: The State of the Art
- 2016 **Mckinley High School** | Honolulu, HI  
Cumulative GPA: 4.21 SAT: 2370  
Honors: Chemistry Olympiad UNSCO High Honors, Valedictorian, Mckinley Honor Grad, National Honor Society, National AP Scholar  
Extracurricular Involvement: Science Olympiad, Science Bowl, Varsity Tennis, Varsity Cross-Country,