

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,