

Jiliana Tiu

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SKILLS

Java

HTML/CSS

Swift

Python

Javascript

Git

EDUCATION

University of California, San Diego

B.S. Computer Science 2020 – 2024 (expected)

- **Relevant Courses:** Basic Data Structures and Object-Oriented Design, Software Tools and Techniques, Mathematics for Algorithms and Systems
- Provost Honors, Warren Honors
- GPA: 3.847 / 4.0

Mira Mesa High School

2016 – 2020 San Diego, CA

- National Honor Society President, Math Club VP, Peer Tutor, Badminton Player, Community Volunteer
- AP Scholar with Distinction
- Valedictorian with Recognition in the Math Department

EXPERIENCE

Lead iOS Tech Fellow

Codepath.org Jun 2021 – present Remote

Keywords: Mentorship, Technical Presentations, iOS Development

- Oversees all **course management** logistics for an **iOS Development course** including recruiting students and confirming session dates and times.
- Mentors and supports students by **hosting weekly classes** and providing **technical support** during labs and assignments to ensure they are on track with the pace of the course.

Committee Member

Empowerment and Development for Girls in Engineering (EDGE) Sep 2020 – present Remote

Keywords: Event Planning, Zoom Breakout Rooms, #WomenInSTEM

- **Organizes and supervises** educational events targeted towards high school girls interested in STEM including pairing mentors/mentees and coordinating **weekly workshops**.

FEATURED PROJECTS

Hoot!

Mobile Developer Aug 2021 – present

Tools & Technologies: Swift, Parse, Yelp API, Mapkit

- Creating a **Yelp-inspired iOS app** that allows users to browse and review local restaurants using the **Yelp API**.
- Incorporating a **chat client** using **Parse** that enables users to send and view messages.
- Incorporating a **map feature** using **Mapkit** that enables users to tag the location of their photos.

Movie Matcher

Mobile Developer Apr – Jun 2021 Github, Demo Day Presentation

Tools & Technologies: Swift, Parse, The Movie Database API

- Fully developed a **mobile iOS app** that allows groups of users to swipe on movie cards and **“match” their most-liked movie**, in collaboration with 2 other teammates.
- Employed a Parse database for the **code login/generation** and **voting system** using Swift and The Movie Database API, enabling users to enter virtual rooms and view movie rankings in real time.
- **Designed** the logo, graphics and animations to establish a brand identity and enhance user experience.

You See Me-ntal Health Initiative

Front-end Web Developer Apr – Apr 2021 Devpost

Tools & Technologies: HTML/CSS, Figma, Git

- Designed and coded a website's **front-end** to display mental health resources and quotes using Figma and HTML/CSS, in collaboration with 3 other teammates.
- **Awarded 3rd place** / Honorary Mention in the OceanaHacks 2021 Hackathon.

CommonDoodle

Web Developer Jan – Feb 2021 Github

Tools & Technologies: HTML/CSS, Javascript, Agora SDK

- Created a fun **video-chat web app** for artists with the **Agora Video SDK** using HTML/CSS and Javascript.