

# VIVIENNE OOI

📞 Available upon request    ✉️ [weiwern96@gmail.com](mailto:weiwern96@gmail.com)    💻 [viv.app](http://viv.app)    🔗 [wei-wern](https://www.linkedin.com/in/wei-wern)    🌐 [weivienne](https://www.weivienne.com)

## EDUCATION

**University of California, Irvine (UCI)** | Spring 2019

*B.S. Computer Science*

**Napa Valley College (NVC)** | Fall 2014 – Spring 2016

*A.S. Natural Science and Mathematics*

## TECHNICAL SKILLS

**Languages:** Java, Python, C++

**Developer Tools:** ADB, Git, Make

**Web/Mobile:** Android Studio, Apache Tomcat

**Cloud/Database:** AWS, IBM Cloud, MySQL

## WORK EXPERIENCE

**Software Engineering Intern** | **Qualcomm** | Summer 2018

- Developed a camera stability app in **Java** using **Android Studio** that connects to a camera server, performs stress testing, and captures the data for debugging from the device itself without an external connection
- Optimized testing duration and ensured software quality by using **ADB** and generating CSV files of test results and crash logs on the mobile device

**AppJam+ Mentor** | **Dreams for Schools** | Fall 2017

- Taught 10 middle-schoolers how to create a mobile game using **MIT's App Inventor for Android**
- Encouraged students to develop problem-solving and critical thinking skills through app development

## PROJECTS

**PokeARena** | **Citrus Hack** | Spring 2018

*A shooter game that allows players to choose and switch between their Pokémon to level up*

- Winner for **Best VR/AR Hack** and **Game Hack Sponsored by GIGABYTE/AORUS**
- Worked in a team of 4 over the span of 24 hours with 300+ participants at UC Riverside
- An **augmented reality** mobile app created in **C#** using **Unity** and **Vuforia**

**Soteria** | **TreeHacks** | Winter 2018

*A mental health monitor that tracks and graphs a person's emotional status based on their personal blog*

- Worked in a team of 4 over the span of 3 days with 800+ participants at Stanford University
- A **Flask** web app that parses through Tumblr in **Python** using the **Tumblr API**, runs a sentiment analysis on each post using the **Watson Tone Analyzer API**, and creates a graph with the score of each emotion overtime

**The Passive-Aggressive Aggressive Notebook** | **SD Hacks** | Fall 2017

*An anonymous voicemail that prepends and appends passive-aggressive phrases to the message*

- Worked in a team of 4 over the span of 3 days with 400+ participants at UC San Diego
- An Alexa custom skill created with the **Alexa Skills Kit** that calls an **AWS Lambda Function** in **Node.js**, which reads and writes to the **AWS DynamoDB** database

## LEADERSHIP

**Advisor** | **#BUILTBYGIRLS** | Fall 2018 - Present

*Provide support and guidance for a high school student interested in the tech field and serve as a role model*

**Organizer** | **Hack** | Spring 2018 – Present

*Create the 2019 theme and graphics for HackUCI, Orange County's largest hackathon with 400+ participants*

**Committee Member** | **CWIC - SoCal** | Fall 2017 – Spring 2018

*Organized the Celebration of Women in Computing in Southern California conference with 200+ attendees*

**Mentor** | **Women in Information and Computer Sciences** | Fall 2017 – Spring 2018

*Guided an undergrad student in her pursuit to a successful academic and professional career in tech*

**Officer** | **Video Game Development Club** | Fall 2017 – Spring 2018

*Facilitated a club of 200+ active members with an executive committee of 20*