

# WEI-WERN (VIVienne) OOI

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## 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*

## WORK EXPERIENCE

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

- Develop a camera stability app in **Java** using **Android Studio** that allows users to connect to a camera server wirelessly and collect logs for one or more test areas
- Ensure 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

**Lead Graphic Designer/Marketer** | **Whale Startups** | Spring 2017 – Summer 2017

- Designed the company's logo, which was utilized over social media and on promotional products
- Constructed wireframes for the web app, WhaleTalk, which was exposed to 100+ students

## 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 2<sup>nd</sup> place for **Best Game Hack Sponsored by GIGABYTE/AORUS**
- **Programmer** for 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** that places 3D models onto physical trading cards and allows the models to interact with virtual enemies

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

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

- **Programmer** for 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*

- **Programmer** for 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

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

- Create the 2019 theme and graphics for **HackUCI**, the largest event held at UC Irvine with 400+ participants
- Design raster and vector images for sponsorship packages with **Adobe Photoshop** and **Inkscape**

**Mentor/Committee Member** | **Women in Information and Computer Sciences** | Fall 2017 – Present

- Guided an undergrad student in her pursuit to a successful academic and professional career
- Organized the *Celebration of Women in Computing in Southern California* conference with 200+ attendees

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

- Facilitated a club of 200+ active members with an executive committee of 20
- Supervised teams and provided advice on keeping projects in scope and on track for completion

## TECHNICAL SKILLS

**Languages:** C++, Java, Python, HTML/CSS

**Database Management and Developer Tools:** AWS, DynamoDB, Git, IBM Cloud, MySQL