

Ileen Fan

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EDUCATION

University of California, Irvine: Irvine, California

Expected Graduation: June 2023

Major: Bachelor of Science, Computer Science

GPA: 4.0/4.0

Relevant Coursework: C++ Programming, Discrete Mathematics, Data Structures, Linear Algebra, Software Engineering, Python Programming, Statistics and Probability

Scholarships: 2020, 2021 ICS/BRAID Grace Hopper Scholarship, 2021 Advancing Women in Technology Scholarship

EXPERIENCE

Facebook, Facebook University Engineering Intern – Menlo Park, CA

June 2021 – August 2021

- Learned core mobile IOS development fundamentals using **Objective-C**, **Xcode**, **Parse**, **APIs**
- Developed hands-on projects including Tip Calculator, Netflix, Tumblr, Twitter, and Instagram app clones using the **Movie Database API**, **Twitter API**
- Designed, prototyped, wireframed, and coded a Rate my Class IOS app using Parse backend, real time database queries, and **PeterPortal REST API** that allows users to review classes
- Implemented a filtering algorithm that recommends classes to users based on user interests and major selection
- Coded a sorting algorithm using **Natural Language Processing** sentiment analysis, word embedding, tokenization, and lemmatization that identifies and sorts reviews based on quality

Coding Tomorrow Initiative, Programming Instructor – Fremont, CA

July 2020 – December 2020

- Instruct 20+ students on introductory **Java** and **Python** programming through Repl.it and discussion
- Develop student's proficiencies in coding principles including variables, functions, casting, packages, and arrays

Google, Computer Science Summer Institute – Remote

July 2020

- Participated in a computer science summer program instructed by Google engineers and learned **JavaScript**
- Completed project-based **JavaScript Processing** curriculum and configured 15+ coding projects with **p5.js**
- Built hangman-like application using Javascript and presented to 5+ Google executives and community members

Kode With Klossy, Web Development Camp Scholar – Remote

June 2020

- Learned **HTML**, **CSS**, **Javascript**, **Flexbox** and deployed expertise to create 5+ web pages hosted by Glitch and Repl.it
- Collaborated with team of 3 to design/code interactive website called #end.periodpoverty to address period poverty

Intuit, Girls Who Code Summer Immersion Program – Mountain View, CA

June 2019 – August 2019

- Acquired skills in **Scratch**, **Python**, **HTML**, **CSS**, **JavaScript**, **Arduino** through chatbots, apps, and robotics at Intuit
- Coded/created a website hosted by Github using **HTML**, **CSS**, **JavaScript** and implemented **Google API** to inform users on pressing world issues that auto generates news articles associated with each issue at the user's convenience

LEADERSHIP

Superposition at UC Irvine, Founder and President – Irvine, CA

July 2020 – Present

- Established and lead a chapter of Superposition, 510(c)(3) international women in STEM non profit at UC Irvine
- Direct team of 4 to ensure smooth operations, manage club logistics to execute activities and events
- Empower 150+ young women across 10+ states and 6+ countries by providing a supportive environment for girls to explore technology through organizing virtual workshops, speaker events, and technical development sessions

TECHNICAL SKILLS & INTERESTS

Programming Languages: Python, C/C++, Objective C, Java, Javascript, HTML/CSS, R

Technologies: Git, Command Line, Xcode, Parse, Azure, React, Vim, p5.js