

Alice Phan

alicep3@uci.edu | (408)772-0841 | linkedin.com/in/alice-phan/ | github.com/aphan314

EXPERIENCE

Flypaper Tutors – New York, NY

Frontend Developer

June 2020 – Present

- Integrate personal Google Calendars with tutors' calendars for managing appointments using Django
- Display tutors' calendars using React.js and React-Big-Calendar

Giphy, Inc. – New York, NY

Software Engineering Intern

June 2019 – August 2019

- Created a service that recommends top-performing tags for GIFs using Python, MySQL, and Google Cloud Vision API
- Trained a model to compare GIFs based on their metadata using K-Nearest Neighbors algorithm
- Worked on the user interface for the service using React.js

Cognitive ToyBox – New York, NY

Backend Developer

June 2019 – August 2019

- Wrote SQL queries to extract data from a PostgreSQL database of game-based assessments for displaying on admin dashboard
- Used Python's Psycopg module to execute queries

PROJECTS

FabFlix – Irvine, CA

CS 122B: Databases & Web Applications April 2020 - Present

- Built a web-based application allowing users to search and browse through movies using Java, JavaScript, AJAX, MySQL
- Implemented user authentication, autocomplete search, and shopping cart using a micro-service architecture

ReadIt – Irvine, CA

ICS 45J: Programming in Java

March 2020

- Built an Android application allowing users to post and comment on message threads using Java, Firebase, and Android Studio

Foogle – Irvine, CA

CS 121: Information Retrieval

May 2019

- Created a search engine that suggests UCI-related web pages using Python, Flask, MongoDB, and HTML/CSS
- Used search engine optimization strategies to improve results

Aunt Flo – Los Angeles, CA

AthenaHacks 2019

April 2019

- Developed a chatbot to set reminders during menstrual cycle using Python, Flask, and Twilio API
- Designed a webpage informing users about toxic shock syndrome using HTML/CSS
- Won the Women Empowerment Hack sponsored by Facebook

Flashcards App – Irvine, CA

CodePath

September 2018 – December 2018

- Built an iOS application allowing users to create and study from flashcards using Swift and Xcode

EDUCATION

University of California, Irvine

- B.S. Computer Science

September 2017 – June 2021

Yonsei University

- Study Abroad Student

August 2019 – December 2019

SKILLS

Java, Python, C++, C, Flask, Django, MySQL, Firebase, HTML/CSS, JavaScript, React.js, Xcode, Android Studio

COURSES

- Programming in Python, C/C++, and Java
- Data Structure Implementation and Algorithms Analysis
- Data Management
- Operating Systems
- Embedded Software
- Information Retrieval
- Artificial Intelligence
- Computer Networks

ACTIVITIES

Women in Information and Computer Science

- *External Vice President*

June 2020 – Present

HackNY

- *Fellow/Mentor*

June 2019 – Present

VenusHacks

- *Organizer*

September 2019 – March 2020

Just Code It

- *Mentor*

February 2020

ICS 31/33 Python Lab Tutor

- *Tutor*

September 2018 – March 2019

AspireIT

- *Mentor*

April 2018 – March 2019