Alice Phan

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EDUCATION

University of California, Irvine   September 2017 – June 2021
B.S. Computer Science   GPA: 3.46/4.00
- Courses: Data Structures, Algorithms Analysis, Data Management, Computer Organization, Systems Design, Information Retrieval, Operating Systems, Embedded Software, Artificial Intelligence, Computer Networks

Yonsei University   August 2019 – December 2019
Study Abroad Student
- Volunteer: Teach North Korean Refugees (TNKR) English language and speaking

EXPERIENCE

Flypaper Tutors – Remote
Frontend Developer   June 2020 – August 2020
- Integrated personal Google Calendars through an OAuth 2.0 flow so that tutors and students can easily manage appointments and availabilities on the dashboard calendar using Python and Django
- Developed an authorization popup and toggle to display Google Calendar events using Axios and React

Giphy – New York, NY
Software Engineering Intern   June 2019 – August 2019
- Created a service to automate and scale the Content Team's task of recommending top-performing tags for 300+ GIFs using K-Nearest Neighbors Classification from Python's Scikit-Learn library
- Developed a user interface that takes in a media URL and generates tags for the inputted GIF using React

Cognitive ToyBox – New York, NY
Backend Developer   June 2019 – August 2019
- Wrote SQL queries to extract data from PostgreSQL database and display the statistics onto a dashboard where school administrators view students' progress for 100+ game-based learning assessments

PROJECTS

FabFlix – CS 122B: Databases & Web Applications
Java, JavaScript, jQuery, AJAX, MySQL, HTML/CSS   April 2020 – June 2020
- Built a web-based application allowing users to search and browse through thousands of movies and actors
- Implemented user authentication, autocomplete search, and shopping cart using micro-service architecture

Aunt Flo – AthenaHacks 2019
Python, Flask, Twilio API, HTML/CSS   April 2019
- Developed a chatbot to set reminders for changing feminine hygiene products during menstrual cycle
- Created a webpage informing users about toxic shock syndrome and promoting safe hygiene
- Won the Women Empowerment Hack sponsored by Facebook

ACTIVITIES

Women in Information and Computer Sciences – *External Vice President*   June 2020 – Present
- Conduct weekly events with company representatives and student organizations for 100+ members

VenusHacks – *Organizer*   September 2019 – Present
- Design the marketing graphics and plan logistics for UCI's first women-centric hackathon with a team of 30

Just Code It – *Mentor*   February 2020
- Taught web development basics such as HTML/CSS, JavaScript, and Bootstrap to 15 middle school girls

ICS 31/33 Python Lab – *Tutor*   September 2018 – March 2019
- Guided 35 students towards solving programming problems and lab assignments in a step-by-step process

SKILLS

Python, Java, C++, C, JavaScript, jQuery, Flask, Django, MySQL, MongoDB, HTML/CSS, React, Xcode, Android Studio

AWARDS

ICS BRAID Scholarship for Grace Hopper Celebration 2020, hackNY Fellow 2019, Girls Who Code SIP 2015