ALICE CHI

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EDUCATION

HARVEY MUDD COLLEGE, Claremont, CA
B.S. Computer Science Joint Math and Art, Expected Graduation 2021
GPA: 3.5 Major GPA: 3.8
Relevant Course Work: Data Structures/Program Development, Computability and Logic, Discrete, Intermediate Probability & Statistics, Linear Algebra & Differential Equations, Digital Electronics & Computer Engineering **Expected Course Work**: Algorithms, Machine Learning, Real Analysis

SKILLS & ABILITIES

Programming Languages: Python, Java, C++, Verilog, C, HTML/CSS, SQL, JavaScript, R
Tools: Git (GitHub), Bootstrap, Photoshop, Heroku, PostgreSQL, pgAdmin4, NodeJS, Pug
Foreign Language: Mandarin Chinese (Proficient listening, typing; familiar speaking, reading, writing)

EXPERIENCE

Engineering Practicum Intern, Google   May 2019 – Aug 2019
- Work on the Google Search team to implement and render a Search feature for a Google app that runs on low end devices and is used by millions of people
- Feature utilizes client-side rendering and model update framework and is implemented with a cross platform UI using an internal API and framework in Java

CS Grutor (Grader & Tutor), Harvey Mudd College   Aug 2018 – May 2019
- Grade and Tutor for the Principles of Computer Science Course at Harvey Mudd College
- Work with 20 other grutors to grade and tutor for a class of 100 students

PROJECTS

Personal Website, alicechi.com   Jun 2018 - Present
- Designed and developed a personal website using HTML and CSS that utilizes Bootstrap for the frontend and is hosted on GitHub

Markov Text Generator, Harvey Mudd College, Claremont, CA   Dec 2017
- Developed a Python text generation program that takes in a text and generates a new one of a given length using a Markov Model and natural language processing

Liquefaction Mitigation Strategies on Soil Condition and Structures,   Jun 2016
California State Summer School for Mathematics and Science (COSMOS), UC San Diego
- Worked with two other students over the course of four weeks to research how to prevent damage caused by liquefaction during earthquakes at University of California San Diego
- Presented results of our research project in front of other research groups in the same program

LEADERSHIP

Senate Chair, Associated Students of Harvey Mudd College (ASHMC), Harvey Mudd College   Apr 2019 – Present
- Oversee and support over 40 student officers and representatives
- Organize and lead meetings to discussion the best allocation of our $300,000 budget
- Act as a bridge of communication between the student body and the school's administration and board of trustees

Club Director, Associated Students of Harvey Mudd College (ASHMC), Harvey Mudd College   Apr 2018 – Apr 2019
- Manage and communicate with over 50 clubs on behalf of Harvey Mudd's student government, ASHMC

OTHER AFFILIATIONS

SWE (Society of Women Engineers), 5CS (5C Software Club), W-ACM (Women's Association for Computing Machinery), APISPAM (Asian Pacific Islander Sponsorship Program)