

ALICE CHI

4530 E. Cerro Vista Dr. Anaheim, CA 92807 | alicechi2@gmail.com | (714) 875-0890 | <https://github.com/alicechi2>

EDUCATION | Harvey Mudd College, Claremont, CA

B.S., Computer Science and Math, Expected Graduation 2021

GPA: 3.5 Major GPA: 4.0

Relevant Course Work: Introduction to Computer Science, Principles of Computer Science, Probability and Statistics, Linear Algebra and Differential Equations, Special Topics in Engineering

Expected Course Work: Discrete, Data Structures/Program Development, Computability and Logic

Canyon High School, Anaheim, CA

High School Diploma, Graduated 2017

Unweighted GPA: 4.0 Weighted GPA: 4.8

SKILLS & ABILITIES

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

Foreign Language: Mandarin Chinese (Proficient listening, typing; familiar speaking, reading, writing)

Tools: Git (GitHub), NodeJS, Bootstrap, Heroku, PostgreSQL, pgAdmin4, Pug, Clip Studio Paint

Other: Traditional Art: Ink, Acrylic Paint, Oil Paint; Graphic Design

EXPERIENCE | Web Developer, Virscend University

Jun – Present

- Contributed in developing a website for university students to view their transcripts, pay tuition bills and register for classes
- Developed the frontend in HTML/CSS and Pug for templating, deployed on Heroku
- Developed the backend with NodeJS and Express and connected it to a database created with PostgreSQL and pgAdmin4 that held all student information

PROJECTS | Personal Website, alicechi.com

Jun 2018 - Present

- Designed and developed a personal website using HTML and CSS
- Utilizes Bootstrap for the frontend and is hosted on GitHub

Text ID Program, Harvey Mudd College, Claremont, CA

Dec 2017

- Developed a text ID program that takes in two texts as models and compares it to a third text
- Uses frequency of words, word lengths, word stems, sentence lengths, and punctuation used to identify which text model given is more like the third text

Lost, Canyon High School, Anaheim, CA

May – Jun 2017

- Developed a text based adventure game in Java with three other people
- Implemented the printing and timing of the text and the interactive objects in the game that return a randomly generated amount of materials when interacted with

Liquefaction Mitigation Strategies on Soil Condition and Structures in New Zealand,

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 | Club Director, Harvey Mudd College

Apr 2018 - Present

- Manage and communicate with over 60 clubs on behalf of Harvey Mudd's student government, Associate Students of Harvey Mudd College (ASHMC)

President, Canyon High School

Aug 2016 – Jun 2017

- Organized events and guided 30 club members to train for regional and state competitions

Summer Camp Coordinator, California State University Long Beach

Jul – Aug 2015 - 2017

- Helped guide and coordinate Chinese students in a summer program