

Yun Zhang

max20zhang@gmail.com | (909) 962-9370

LinkedIn: in/yun-zhang-claremont | GitHub: yuzhangClaremont

EDUCATION

Pitzer College, B.S., Claremont, CA

Expected: Dec. 2019

Computer Science major at **Harvey Mudd College**, Bachelor of Arts

Coursework: Software Development, Artificial Intelligence, Computer System, Databases, Data Structures, Statistics, Probability, Differential Equations, Programming Languages, Algorithm

TECHNOLOGY SKILLS

Proficient Programming Languages: Python, Java, C++

Familiarity with: SQL, HTML/CSS/JavaScript, Ruby, Swift, C

Technologies: Flask, Rails, React, Bootstrap, AWS, Git/Github

PROJECTS

AdChoices Detector, Los Angeles, CA

Aug 2018-Present

- Built an image detector to filter AdChoice logo from 20000 ad images with OpenCV Template Matching algorithm
- Improved AdChoice detector precision rate from 79% to 100% when the dot product threshold is 0.7

Utopist, Personal Project

May-June 2018

- Built a web app to help people get involved in communities, find NGO hirings, and make friends
- Implemented the backend database models with SQLite

Coconut Interpreter, Claremont, CA

March-May 2018

- Designed and implemented an interpreter user interface for Coconut, a new functional programming language
- Developed script to test project functionalities automatically with Selenium Webdriver

SaRA, Los Angeles, CA

Jan-March 2018

- Implemented the user authentication functionality of the web application with Flask framework
- Optimized web page load time from 2103 ms to 1860 ms by minimizing HTTP requests
- Refracted user interface with Bootstrap framework

WORK & RESEARCH EXPERIENCE

Resident Assistant, Pitzer College, Claremont, CA

Aug-Present

- Supervised a floor of 40 residents, organized floor programs, and advised residents on personal and academic issues

Teaching Assistant, Harvey Mudd College, Claremont, CA

Feb-May 2018

- Tutored and graded for Principles of Computer Science on topics of class, object, and polymorphism

COMMUNICATION LANGUAGES

Mandarin: Native Language

English: Fluent

French: Limited working proficiency

HOBBIES

Enjoy to go to the beach, go hiking, play DOTA2 and badminton