





Yiming N. Zhao

Computer Engineering Student

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EDUCATION

University of California, San Diego

SEPT 2018 - PRESENT // La Jolla, CA

- Major: Computer Engineering, Bachelor of Science, GPA: 4.0
- Anticipated Graduation Date: June 2021

EXPERIENCE

Computer Science Summer Institute Student — Google

JULY 2018 - AUG 2018 // Los Angeles, CA

- Learned Python and web application design from Google software engineers
- Collaborated with two other students to contrive, design, and launch a web application that keeps track of food expiration dates using Google App Engine
- Utilized Git and GitHub to maximize project collaboration
- Integrated the Google Sign-In and Google Calendar APIs

Systems Engineering Intern — Boeing

JUNE 2017 - AUG 2017 // Huntington Beach, CA

- Developed missile defense scenarios with using System Tool Kit software and demonstrated the practicality of thermal-sensing Low Earth Orbit satellites
- Created and delivered a presentation on missile defense scenarios using the Department of Defense Architecture Framework format

PROJECTS

Fusion — SD Hacks 2018

- Python application that enables communication for the mute by dynamically converting the American Sign Language alphabet into text using a webcam
- Technologies: Python, Open CV, Clarifai Machine Learning API

ConvertIT — Personal Project

- Web application that eases unit conversion by enabling users to add specific units and unit types to a database for quick conversion between units
- Technologies: Python, HTML, CSS, JavaScript, Google DataStore

Fresh Fridge — Google CSSI 2018

- Web application that keeps track of food expiration dates and integrates with Google Calendar for expiration notifications
- Technologies: Python, HTML, CSS, JavaScript, Google Calendar API

Physics Visualized — Personal Project

- Project that allows users to interact with the various concepts of physics using controllable objects and animation
- Technologies: MIT Scratch

SKILLS

Programming Languages:

- Java
- Python
- HTML
- CSS
- JavaScript

Tools:

- Git
- Vim

ACHIEVEMENTS

Eagle Scout: Boy Scouts of America, Troop 93

CyberPatriot X: Scored in top 2% in Platinum Division

MathWorks Math Modeling Challenge 2018: Scored in top 4% of mathematical papers

Association of Computational and Mathematical Modeling Competition 2017: Gamma Prize

Young Champions Martial Arts: Junior Black Belt

ACTIVITIES

Triton Software Engineering: Developer for the software engineering club at UCSD

Triton XR: Programmer for the extended reality club at UCSD

LEADERSHIP

Boy Scouts, Troop 93: Assistant Senior Patrol Leader

Troy High School Marching Band: Low Woodwind Section Leader

Young Champions Martial Arts: Assistant Sensei

