

Winnie Wang | wang.winnie26@gmail.com | www.linkedin.com/in/winnwang | <https://github.com/winnie3269>

EDUCATION

B.S. 2021

University of California, San Diego | Fall 2019 - Spring 2021

Relevant Classes: Software Tools & Techniques Lab, Advanced Data Structures in C++, Components and Design Techniques for Digital Systems, Digital Systems Laboratory

City College of San Francisco | Fall 2018 - Spring 2019

A.S. 2019

Relevant Classes: Adv. Java: Standard Edition, Computer Architecture and Assembly Language, Software Engineering

TECHNICAL EXPERIENCE

NASA Community College Aerospace Scholars (NCAS)

July 2019

- Participated in a four-day onsite experience, which included networking with current NASA engineers and competing in a 2-day robotics competition at the NASA Ames Research Center.
- Worked alongside hardware engineers and designers to program a LEGO rover, using EV3 software, to use a color sensor to detect minerals on the surface and verbally identify the color.

Google CodeU

May - August 2018

- **1 of 141** students accepted to participate in an online summer coding program
- Collaborated with a team of **3** peers to design and implement a web application using Java, JavaScript, HTML and CSS over the course of 12 weeks, leveraging various Google Cloud Platform APIs, including App Engine and Datastore
- Followed industry best practices such as: contributing to open source software using Git and GitHub, conducting regular code reviews with/for teammates, extending an existing codebase, designing new components and interfaces and leading them to completion
- Implemented a feature to allow application users to edit their messages stored in Google Datastore by matching a message author's UUID to the UUID of the current logged-in user

MHacks

September 2017

- Collaborated with three other women to create an application that serves as a platform for people who want to share their experiences with discrimination and ask for advice from other users who have similar experiences. • Programmed in Python, JavaScript, HTML, and CSS for the project.

Google Computer Science Summer Institute (CSSI)

July 2017

- Participated in an intensive programming institute learning web app, development in HTML, CSS, Javascript, Python and Google App Engine from Google engineers.
- Created a web application called "Food Post" to simplify the process of sending and receiving food donations by implementing Google Maps API to locate nearby food shelters

Intern, Architectural Foundation of San Francisco

June - August 2016

- Collaborated with other interns to design environmentally sustainable buildings with graphic design software, including 3ds Max, Fusion 360, Revit, SketchUp, and creating original 3D renderings
- Presented a final blueprint of the environmentally sustainable architecture to leaders of the 5M Project in San Francisco

LEADERSHIP POSITIONS

Bit-Byte Program, UCSD ACM

Spring 2020

- Became a mentor (a Byte) for one sophomore (one Bit) studying Computer Science
- Provided my Bit with career and general life advice as a fellow student studying CS
- Participated in ACM workshops and social activities with my Bit

AWARDS

- 2nd Place at Violet Hacks
- 1st Place at Violet Hacks
- "Best Use of Google Cloud Compute/Big Data Products" at MHacks X

August 2019

November 2018

September 2017