**Winnie Wang|**wang.winnie26@gmail.com​| ​[www.linkedin.com/in/winnwang](http://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 similiar 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 ​ **August 2019**
* 1st Place at Violet Hacks ​ **November 2018**
* “Best Use of Google Cloud Compute/Big Data Products” at MHacks X ​**September 2017**