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EDUCATION

University of California, San Diego | Fall 2019 - Spring 2021   **B.S. Computer Science 2021**
Relevant Classes: Statistical Methods, Data Science in Practice, Software Tools & Techniques Lab, Advanced Data Structures in C++,
Components and Design Techniques for Digital Systems, Digital Systems Laboratory, Software Engineering, Design and Analysis of Algorithms

TECHNICAL EXPERIENCE

UCSD Early Research Scholars Program (ERSP)   **Sept. 2020 - June 2021**
- Shadowed Prof. Ryan Kastner and **4** graduate students to research security vulnerabilities in multi-tenant remote FPGAs
- Completed CSE 193, an introductory course for research in Computer Science
- Collaborated with one other undergraduate student to write a formal project proposal and to encode images from voltage sensor readings using Python and data visualization libraries

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 program a color sensor to detect minerals on the surface and verbally identify the color.

Google CodeU   **May - August 2018**
- Accepted as **1 of 141** students 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

LEADERSHIP POSITIONS

Graphic Designer, **UCSD Triton Engineering Student Council (TESC)**   **Summer 2020 - Present**
- Worked with 4 graphic designers on a committee to create digital assets for events and opportunities hosted by TESC
- Designed website assets and marketing posts for professional and educational events such as Matcha, Enspire, and SDHacks

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 & CERTIFICATIONS

- AT&T Summer Learning Academy Externship   **June - July 2020**
- 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**