

# Dillan Merchant

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## EDUCATION

**Undergraduate:** University of California, San Diego, Jacobs School of Engineering - Warren College *Present - Jun 2022*  
**Emphasis:** Computer Science **GPA:** 3.85

**High School:** Rancho Bernardo High School, San Diego, CA *Aug 2015 - Jun 2019*

**Cumulative GPA:** 4.3

**Certifications:** Fraternity of Academic and Civic Excellence (Top 30 GPAs of school)

**Palomar Community College – San Marcos, CA** *Jun 2017 - Dec 2018*

**Courses Taken:** Programming Fundamentals I (Language - C), Programming Fundamentals II (Language - Java), HTML Basics, JavaScript, Multi-Variable Calculus

## WORK EXPERIENCE

**SoftClouds LLC, San Diego, CA – Software Engineer Intern** *Jun 2020 – Sep 2020*

- Developed "AppManager", an app that facilitates monitoring, managing, and uninstalling apps on Android devices
- Within the project, dealt with updating/creating the documentation, designing the wireframes with InVision, and using Android Studio to implement the backend logic with Java and frontend with XML
- Published AppManager on Google Playstore

**Math Tutor, Rancho Bernardo, CA - Self - Employed** *Aug 2018 – Sep 2019*

- Interacted with a diverse range of students from grades 6th - 12th to help enhance their mathematical skills, work habits, and test-taking strategies and elevated academic performance for some students by 20%

**AMC Theatres, Poway, CA - Crew Member** *Jun 2018 - Apr 2019*

- Provided customers the best experience by answering any questions and addressing problems or complaints quickly and efficiently
- Participated in responsibilities that included ushering, promoting adoption of premiere memberships, and selling tickets and concessions.

## LEADERSHIP EXPERIENCE

**South Asian Culture Show/Charity, San Diego, CA - President, Choreographer, Website Coordinator** *Aug 2016 - Jun 2019*

- Led student run charity organization with approximately 150 participants which raised almost \$10,000 towards the Malala Fund and Akshay Patra Foundations
- Maintained the organization's website changes and updates with new info, dances, links

**Holly's Garden Rescue, El Cajon, CA - Facebook Admin and Website Coordinator** *Aug 2015 - Jun 2019*

- Managed social media efforts such as Facebook and Instagram to advertise and promote rescue dogs which resulted in an increase of website traffic by 25% over the course of the year.
- Maintained a user- friendly website which included uploading and keeping current pictures and bio info for our available dogs, upcoming adoption events and success stories.

**On The Rise Tennis Academy, Rancho Bernardo, CA - Coach** *Aug 2016 - Feb 2017*

- Coached tennis beginners in hope to improve their performance, teamwork, and preparation for the season

## SKILLS

- **Skills :** Java, C, C++, HTML, Java Script, Microsoft Office, MATLAB, Vim/Unix/Bash, ARM Assembly

## RELEVANT COURSEWORK

- Intro to Java, Data Structures, Obj-Oriented Programming, Discrete Math, Math for Algorithms/Systems