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

Math Tutor, Rancho Bernardo, CA - *Self - Employed*   *Aug 2018 - Present*
- Interacted with a diverse range of students from grades 6th - 12th to help enhance their mathematical skills, work habits, and test-taking strategies
- Elevated students' performance by one letter grade in math subjects and improved overall exam scores by an average of 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 efforts in raising $10,000 towards the Ekal Vidyalaya, Zindagi Trust, and Akshay Patra Foundations
- Fostered healthy relationships and resolved conflicts between dance choreographers, participants, and other executives
- Maintained and updated website content to reflect current year information utilizing HTML

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 and developed a user- friendly website which included uploading and keeping current pictures and bio info for our available dogs, upcoming adoption events and success stories.

TYE (TiE Young Entrepreneurs), UCSD Rady's School of Management, CA - *CEO of Posture Perfect* *Nov 2016 – May 2017*
- Spearheaded development for Posture Perfect by presenting to potential investors to create future opportunities
- Selected as CEO out of 6 members and guided team to the finals

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