

Sterling Rawls

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12/14/2023

EDUCATION

University of California, San Diego

2021-2025

La Jolla, CA

Undergraduate Degree

Area of study: Structural Engineering

Da Vinci Design High School

GPA Earned: 4.2

2017-2021

El Segundo, CA

High School Diploma

EXPERIENCE

Pokemon Design Build Project

April. - June 2023

- Leader on designing a catapult using Solidworks and AutoCAD. Placing top 10 out of 300+ students. 3-D printing parts

CoLabL Talent Accelerator, Intern

July. - August 2020

- Participated in a virtual internship with the [Talent Accelerator](#) program to complete real-world projects aligned to industry needs. Projects included: Product Review, Consumer Psychology, and Media Influence.

Rec-Aid Employee Supervisor (Summer Job)

June. 2019 - June 2022

- Earned "Employee of the Month" my first month.
- Head of all rec-aids, Checked PH levels and Chlorine levels to ensure safety for all.
- Trained incoming employees

Ryan Mechanical INC, Intern

February. 2020 - Present

- Passed air filters to HVAC employees.
- Disposed excess water from bleeding the cooling system line.
- Ensured crucial documents with filled, formatted, and sent on time

ACTIVITIES

YouTube Channel

- Studied various aspects of video analytics such as retention, click through rate (CTR), search engine optimization (SEO), and more. I own a youtube channel with over 140k views which showcases my creativity

Timber Wood Design

September 2023 - Present

- Member of the construction team for the timber design

Professional Networking

- Majority of my professors know me by name, some of which I have their personal phone number. Additionally I am friends with the head of the Structural Engineering Department, Micheal Todd.

Unofficial Teacher Assistant

- Hosting review sessions for my peers who are taking the same class. Some of these challenging classes include linear algebra, differential equations, statistics/probability, and more.

Member of Hope Scholars

- Received the Blue Heart Award recognized by US Congress for being an astounding leader with-in the program

DPS Cohort Program Mentor

August 2021 - Present

- Helping new coming UCSD students acclimate to the college climate. Focuses in the area of mathematics, chemistry, and physics.

Archery, Co-captain

October. 2019 - June 2021

- Ranked top 5 in Regional High Schools Boys Division.
- Held the responsibility of instructing archers to stop shooting if someone walked on the live range. (for their safety).

Ambassador Club, Member

September. 2019 - June 2021

- Gave tours to interns, incoming freshmen, and other people who were interested in Da Vinci Schools.

FRC (First Robotics Club), Member of the Innovation Challenge

September. 2020 - June 2021

- Lead students in designing a figurine to combat sedentary behavior, Uploaded code to prototypes

Raytheon Engineering Games, 1 of 3 Members

January. 2020 - February. 2020

- Was selected out of 20 applicants to be a part of a group of 3 to compete at the Raytheon Engineering Games.
- Competed in building a motion sensor mini-car at Raytheon.

High School Engineering Team, Member

February. 2018 - April. 2018

- Drafted plans to make a Rube Goldberg Machine.
- Built a Rube Goldberg Machine.
- Competed in Regionals and received 2nd place.

Overnighter, Leader

June 2019 - 2020

- Sat in on demo teacher lessons for job- applicants.
- Facilitated a Cabin of 10 Freshman for 2 day

SKILLS

Personal | I would describe myself as

Innovative
Critical Thinker
Optimist
Collaborative
Presenter
Compassionate
Analytical

Problem solver
Meticulous
Creative
Respectful
Intuitive
Hospitable
Communicating

Hobbies | I enjoy

Learning about Aerospace
Skateboarding
Fashion
Archery
Cooking
Graphic Design
Gaming
Making YouTube videos
Making short form content
Combat Sports

Computer | I am proficient in

Solidworks
AutoCAD
Design
Photography
Davinci Resolve Video Editing Software
Microsoft Excel
Google Sheets
Google Docs
Google Drawings
Google Drive
Google Slides
MatLab
