

DANIEL BINOY

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EDUCATION

University of California, Irvine
BS Computer Science *GPA: 3.7*

Irvine, CA
Sep 2019 - Jun 2022

Santa Teresa High School
High School Diploma

San Jose, CA
Aug 2015 - May 2019

EXPERIENCE

Social Sciences Computing Services
Help Desk Assistant

Irvine, CA
Mar 2020 - Present

- Assist SSCS team members in providing computing support to the school
- Resolve computer hardware and software issues

Children's Discovery Museum of San Jose
Volunteer / Exhibit Specialist

San Jose, CA
Sep 2018 - Sep 2019

- Started as Team Teal volunteer, then became paid Exhibit Specialist
- Actively interacted with children and adults to enhance their enjoyment and learning experiences
- Developed skills such as interacting with visitors, group management, creative problem solving, and verbal communication

MESA Club, Santa Teresa High School
MESA Vice President

San Jose, CA
Aug 2017 - May 2019

- Managed my high school's MESA (Mathematics, Engineering, Science, Achievement) club with over 80 members.
- The club teaches students to innovate, learn, and grow through STEM related competitions and challenges that go to the national level.

SKILLS

Programming Skills(Proficient):	Python, Java, Arduino C, Git, Agile
Programming Skills(Familiar):	C#, Processing, JavaScript, HTML, CSS, p5.js, R, Bootstrap
Multimedia Software:	Adobe Suite, Final Cut Pro, Hitfilm, Audacity, AutoDesk 123D
Soft Skills:	Leadership, Teamwork, Communication, Critical Thinking
Other:	Windows, Linux, macOS, Google Suite, Microsoft Office Suite

PROJECTS

Portfolio Website *JavaScript, HTML, CSS, Bootstrap, p5.js*

<http://www.binoy.co>

A personal portfolio website, featuring many of my personal projects, as well as more about me

Retro Puzzle Game *Java*

<https://www.binoy.co/pages/puzzlegame.html>

A fun game in which one player controls two characters. Avoid lava and moving enemies to get to the green goals.

SumoBot *VEX, RobotC, Arduino*

A competition sumo wrestling robot. Worked in team and won 2nd place at MESA VEX robotics competition.

AWARDS

Two-Time Winner - National Engineering Design Challenge

MESA

Solved community problem using Arduino and Arduino C, and presented engineering process to judges. Created solar panel cleaning robot and RFID based tracking system.

Mar 2018/2019

1st Place - Silicon Valley Youth Tech Day Startup Challenge Silicon Valley Young Coders Club

Created prototype solar panel cleaning robot and pitched idea and business plan to venture capitalists. www.siliconvalleycoders.org/youth-tech-day-201

Jun 2017

Galileo Award - SciencePalooza Science Fair

Synopsys Outreach Foundation

Researched and presented properties and applications of graphene

Feb 2017