

DANIEL BINOY

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EDUCATION

University of California, Irvine

BS Computer Science *GPA: 3.7*

San Jose, CA

Sep 2019 - Jun 2022

Santa Teresa High School

High School Diploma

San Jose, CA

Aug 2015 - May 2019

EXPERIENCE

Children's Discovery Museum of San Jose

Exhibit Specialist

San Jose, CA

Sep 2018 - Sep 2019

- Assisted in the opening/closing procedures of the museum
- Actively interacted with children and adults to enhance their enjoyment and learning experiences

Children's Discovery Museum of San Jose

Team Teal Volunteer

San Jose, CA

Feb 2018 - Sep 2018

- Developed skills such as interacting with visitors, group management, creative problem solving, and verbal communication by assisting Exhibit Specialists in daily procedures.

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.

Self Employed

Mathematics Tutor

San Jose, CA

Mar 2017 - May 2017

- Collaborated with high school students to complete homework assignments, identify lagging skills and correct weaknesses

SKILLS

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

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
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-2017
Jun 2017

Galileo Award - SciencePalooza Science Fair

Synopsys Outreach Foundation

Researched and presented properties and applications of graphene

Feb 2017

1st Place - State-Wide GreenFoot Game Design Competition

MESA

Created a compelling game to teach Java to beginners using GreenFoot IDE

May 2016