DANIEL BINOY

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EDUCATION

University of California, Irvine   Irvine, CA
BS Computer Science *GPA: 3.7*   Sep 2019 - Jun 2022

Santa Teresa HIgh School   San Jose, CA
High School Diploma   Aug 2015 - May 2019

EXPERIENCE

Social Sciences Computing Services   Irvine, CA
Help Desk Assistant   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   San Jose, CA
Volunteer / Exhibit Specialist   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   San Jose, CA
MESA Vice President   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.

Debug Duck *Unity3D, C#, Photoshop, Piskelapp*   https://binoy-d.itch.io/debug-duck
My team's submission for Global Game Jam 2020. Play as the duck from "rubber duck debugging" and solve your programmer's problems.

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 - 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