

Daniel Binoy

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Multifaceted CS student, dedicated learner, and tech enthusiast looking for software engineering internships

SKILLS

Software Development

Proficient: C++, Python, Java, JavaScript, React, HTML, CSS, EJS, REST, jQuery, Git, Processing
Familiar: NodeJS, C#, Selenium, Express, Bootstrap, GTest, Beautiful Soup, MongoDB, Heroku, Unity3D

Multimedia

Photoshop, Illustrator, Premiere Pro, iMovie, Final Cut Pro, Audacity, Hitfilm, ffmpeg

Soft Skills

Agile, Collaboration, Communication, Critical Thinking, Adaptability, Public Speaking

Other

Windows, Linux, Unix, G Suite, MS Office, VirtualBox, Arduino, 3D Printing

RELEVANT PROJECTS

Portfolio Website

<https://binoy.co>

- Created a **responsive** personal portfolio website, featuring projects and more about me
- Used **JavaScript**, **HTML**, **CSS**, and **Bootstrap** for main website, with some parts using **p5.js** for visualizations

Retro Puzzle Game

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

- Developed aesthetic puzzle game in which one player controls two characters
- Wrote code in **Java** with tile based game engine written from scratch

Bubbles Together

<https://bubbles-together.herokuapp.com>

- Utilized **p5.js** to create shared drawing experience with particle effects
- Deployed app using **Heroku** with **NodeJS**, **Express**, and **SocketIO** for backend

Debug Duck - GGJ 2020

<https://globalgamejam.org/2020/games/debug-duck-2>

- Designed and coded story-based TDS video game with team within 48 hours for **Global Game Jam 2020**
- Utilized **Unity3D** engine with code in **C#** and graphics made with **Adobe Photoshop** and **Piskelapp**

To-Do Web App

<https://binoy-d.github.io/to-do-app/>

- Created responsive to-do app using **Bootstrap**, **HTML**, **CSS**, **JavaScript**, and **jQuery**
- Implemented multiple list support, completion marking, todo deletion, and smooth animation

EDUCATION

University of California, Irvine

Expected Graduation: June 2022

BS, Computer Science, GPA: 3.7

CERTIFICATIONS

LinkedIn

Using Python For Automation, Learning React.js, Python Skill Assessment, Java Skill Assessment

EXPERIENCE

KTBYTE Computer Science Academy

Apr 2020- Present

Remote Computer Science Instructor

Lexington, MA

- Taught computer science concepts in **Processing** and **Java** to pre-college students
- Helped **debug** students' programs while creating engaging projects/games
- Developed automatically graded curricula and problem sets

Computing Services, UCI School of Social Sciences

Mar 2020- Present

IT Help Desk Assistant

Irvine, CA

- Resolved hardware and software issues on **Macs** and **PCs**
- Provided **computing** and **network support** to the school

Children's Discovery Museum of San Jose

Feb 2018 - Sep 2019

Volunteer / Exhibit Specialist

San Jose, CA

- Actively interacted with children and adults to enhance visitor experience
- Developed skills such as group management, **creative problem solving**, and customer interaction

MESA Club, Santa Teresa High School

Aug 2017 - May 2019

Vice President

San Jose, CA

- Managed over 80 members in the MESA(Mathematics, Engineering, Science, Achievement) club
- Guided members in usage of **Arduino** and implemented STEM concepts in projects
- Helped lead club to best year to date, winning over 72% of all prizes, with 90% of members winning

AWARDS

Two-Time Winner - MESA National Engineering Design Challenge

- Built an **IoT RFID** student tracking system using **Arduino** and a **Spring Boot** server for my high school

1st Place Winner - Silicon Valley Coder's Club Tech Day Startup Challenge

- Created prototype solar panel cleaning robot using **Arduino**
- Pitched idea and business plan to venture capitalists