

Daniel Binoy

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

SKILLS

Software Development

Proficient: Python, C++, Java, JavaScript, React.js, Bootstrap, HTML, CSS, jQuery, Processing
Familiar: NodeJS, C#, Selenium, Express, GTest, Web Scraping, MongoDB, Heroku, Unity3D, ffmpeg

Multimedia

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

Soft Skills

Agile, Collaboration, Communication, Critical Thinking, Adaptability

Other

Git/Github, Linux, Windows, G Suite, MS Office, VirtualBox, Arduino, 3D Printing

RELEVANT PROJECTS

Portfolio Website

binoy.co

- Created a **responsive** personal portfolio website, featuring projects and more about me
- Used **React**, **Bootstrap**, **HTML**, **JavaScript**, and **CSS** for dynamic content through custom components
- Features aesthetic interface, light/dark mode, and smooth animations, as improvements from [previous version](#)

Retro Puzzle Game

github.com/binoy-d/2p1p-puzzle-game

- Developed aesthetic puzzle game in which one player controls two characters
- Wrote code in **Java** with tile based game engine capable of **parsing** custom map files

Bubbles Together

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

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

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

Python For Automation, React.js, Building a React.js Interface, Python Assessment, Java Assessment

EXPERIENCE

Curricular

Sep 2020- Present

Web Developer / UI Design Intern

Remote

- Help **manage website interface**, pitching ways to better design, code, and modify the site.
- Create visually appealing site features for **user-friendly design** and clear navigation.
- Work with the Marketing Team in designing and creating content to be used in marketing campaigns

KTBYTE Computer Science Academy

Apr 2020- Present

Computer Science Instructor

Remote

- Taught computer science concepts at various levels in **Processing** and **Java** to over **60** pre-college students
- Communicated** with operations staff on **optimizing** problem sets to emphasize learning and retention
- Developed** automatically graded curricula and problem sets

Computing Services, UCI School of Social Sciences

Mar 2020- Sep 2020

IT Help Desk Assistant

Irvine, CA

- Resolved hardware/software issues and provided **computing/network support** to the school

MESA Club, Santa Teresa High School

Aug 2017 - May 2019

Vice President

San Jose, CA

- Grew MESA(Mathematics Engineering Science Achievement) by **over 40%** from **50+ to 80+ members**
- 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

- 2019 - 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** and pitched idea and business plan to venture capitalists