SHAD GABRIELLE REYES

Software Engineer

@ s9reyes@ucsd.edu   🔗 https://shad674.vercel.app   📍 San DIego, California

EDUCATION

Bachelor of Science in Human Computer Interaction

University of California, San Diego

📅 09/2019 - 06/2023

- Major: Cognitive Science with an emphasis in **Human Computer Interaction**
- Clubs: ACM HACKS & Video Game Development Club

EXPERIENCE

Incoming Software Engineering Intern

Amazon

📍 Seattle, Washington State

- **June 20 2022 - September 9 2022 (Summer 2022)**
- I will be collaborating with experienced cross-disciplinary Amazonians to conceive, design, and bring innovative products and services to market. And I will design and build innovative technologies in a large distributed computing environment, and help lead fundamental changes in the industry.

Instructional Assistant | CSE Tutor

UCSD CSE Department

📅 01/2021 - Ongoing   📍 San Diego, California

- Tutored students in Introduction to Computer Science and Object-Oriented Programming course that has over 600 students. Responsible for teaching 40 students object oriented programming concepts such as functions, objects, classes, debugging techniques in **Python**, **Java** and **Shell Scripting**. Developed skills in explaining technical concepts, instruction, and organization.
- Undergraduate Computer Science TA for - **CSE 8A** - "Intro to Programming 1"; **CSE 11** - "Accel. Intro to Progamming"; and **CSE 15L** - "Software Tools and Techniques Laboratory" under Professor Joe Politz

HCI Student Researcher

UCSD Design Lab (UCSD Summer Research Program)

📅 07/2021 - 09/2021   📍 San Diego, California

- Working with Professor Haijun Xia and utilized Google Scholar and Semantic Scholar to find research papers regarding survey paper visualization.
- Exploited technologies such as **Python**, **Flask, HTML**, **CSS** and **Javascript** to built a web application.

Web Builder

UCSD Design Co. (Power up 2021)

📅 06/2021 - 08/2021   📍 Remote

- Power Up is a 10 week summer design program that prepares UCSD students for real-world innovation by pairing student teams with BIPOCowned or minority-owned businesses seeking to refine their branding, redesign their website, and boost their exposure.
- Worked on the Cafe X team where we implemented the features that the stakeholders want to their own website. While working with the design team, I Utilized **SquareSpace** to make the website and **Figma** to make the designs and prototypes.

SKILLS

Programming & Tools

Python   Java   HTML   CSS

JavaScript   React.js   Node.js

Express.js   MongoDB   Swift

Xcode   Git   Unix   Visual Studio

PROJECTS

My Personal Website

https://shad674.vercel.app

- By Utilizing HTML, CSS, Javascript and Github, I made a personal website for myself to portray my interest in development and design.

IOS Mobile Development

- **MyFlix** - Is an IOS app that allows users to browse movies from the Movie Database API. This allows users to see whats the newest movie available in the movie theaters

Web Development Projects

- **Simon Game Web Page** - A web page that users can use to play the game of Simon, which is a electoronic game of memory. I utilized HTML, CSS and Javascript to make a very fun environment game
- **Todo-list Web Applicatiion** - I utilized technologies such as Node.js, Express.js, MongoDB to makee a web application that can list my to do list for the day.

Python Development Projects

- **Pomodoro Technique GUI** - By utilizing Tkinter, I built an application that have all the rules of how a pomodoro technique works. A 25 minutes timers and 5 minutes timer break.
- **Snake Game GUI** - By utilizing the turtle module, I built the infamous snake game that we grew up loving and playing. I learned to be proficient in Object Oriented Programming
- **Cross The Road GUI** - I made the infamous game "Cross The Road" turtle edition, using Turtle and OOP
- **Password Generator GUI** - By utilizing Python classes and random module and Tkinter, I made a password generator, where it generate a 8 letter password that consist 4 letters, 2 numbers and 2 special character.