PABLO NAVARRETE

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SUMMARY

As a computer science student with a solid background in programming and a desire to learn, I'm looking for an internship opportunity to put my abilities to use. I have taken courses in programming languages like C++ and Python, and I have some software design experience. I'm thrilled to give my expertise and motivated to develop as a professional in the field of computer science. I am sure that working for your organization as an intern would be a worthwhile and interesting experience for me.

EDUCATION

Houston Community College   Aug. 2018 - May 2020

University of Houston   Aug. 2020 - Dec. 2023
B.S Computer Science

EMPLOYMENT

Retail Associate   Apr. 2019 - Aug. 2019
Bed Bath and Beyond · Stafford, TX
- Performed POS, opening, closing, cleaning, stocking, facing, and product knowledge responsibilities at a busy retail store.
- Communicated as a team with other employees and made sure customers had a good experience.
- Excellent customer service skills

Wait Staff   Dec. 2018 - Jan. 2019
Samurai Japanese Steak and Sushi · Bellaire, TX
- Served multiple customers in a fast-paced environment by managing time effectively and prioritizing tasks.

SKILLS

SPOKEN LANGUAGES: English, Spanish
PROGRAMMING LANGUAGES: C++, Python, CSS, HTML, JavaScript, Express, React, Node.js
COURSEWORK: Programming and Data Structure, Algorithms and Data Structures, Operating Systems, Database Systems, Software Design, Intro to Computer Networks, Digital Image Processing, Software Development Practices
SOFTWARE: MS Office, Excel, PowerPoint, PyCharm, WSL, Ubuntu, TortoiseSVN, VSCode, Postman, Mongodb
COMPUTER TECHNICIAN: Build computers for a hobby, Knowledge about computer products and peripherals, troubleshoot hardware and software

PROJECTS

Archivum (Currently Working)
- Creating software for a sponsor as part of a course assignment with a group of five people for software development practice.
- Using the MERN stack, we create a platform for authors to self-publish their work (authors get paid more, buyers pay less for books)
- In order to do this, HTML, CSS, and JavaScript are used to convert the visual design into functional code utilizing design mockups and wireframes.
- I have been working with the project team to make sure that the frontend and backend capabilities are correctly connected and that the user experience is simple and straightforward.

Portfolio Website
- A wireframed layout that is simple to use, intuitive, and accessible.
- Designed with a responsive layout appropriate for the best experiences on both mobile and desktop.

AI Optimal Flappy Bird
- Implemented an AI to train itself to play the game "Flappy Bird" to find the most optimal way without dying.
- It uses a genetic algorithm called NEAT (NeuroEvolution of Augmenting Topologies).

Astronaut API
- Based on a software design homework, I was able to create a program that will print a certain format detailing the ISS.
- Modified the program to take account if the network fails and failure of the webservice by throwing out errors if it were to happen.
- Maintained the code to be neat and organized while making sure it will be least affected if any changes were made.

ACTIVITIES

Kattis Competition
- Participated every two weeks for extra credit in my class competition.
- Total of 17 competitions throughout the semester.