Zayne Bournand

727-385-8808 | zaybournand@gmail.com | linkedin.com/in/zayne | zaynebournand-portfolio.netlify.app

EDUCATION

University of Florida Gainesville, FL
Bachelor of Science in Computer Science *Aug. 2024 – May 2028*
- GPA: 4.0/4.0
- Relevant Coursework: Advanced Programming Fundamentals

WORK EXPERIENCE

Dental Sterilization Technician May 2023 – Aug 2023
Smiles By Amy *St. Petersburg, FL*
- Collaborated effectively with a team of 5 to ensure a seamless workflow in a fast-paced environment.
- Managed the cleaning and sterilization of medical tools, demonstrating meticulous attention to detail and adherence to health and safety protocols.
- Anticipated and fulfilled the needs of the orthodontist and assistants by preparing necessary equipment and supplies, showcasing strong organizational and problem-solving skills.
- Implemented efficient processes to enhance operational efficiency and minimize downtime, reflecting adaptability and initiative.

PROJECTS

Flappy Bird Game | *Python*
- Developed a Flappy Bird clone using Pygame, showcasing game development and graphical rendering skills.
- Implemented core mechanics like gravity, collision detection, and dynamic obstacles for interactive gameplay.
- Designed user input handling for character movement and game control to enhance interaction.

Maze Game | *Python*
- Created a maze game with Pygame, focusing on graphical representation and user movement in a 2D environment.
- Implemented maze generation, collision detection, and player controls for navigation.
- Developed real-time rendering and dynamic feedback features, including maze completion.

Web Portfolio | *HTML, CSS, JavaScript, Flask*
- Developed a personal web portfolio to showcase software development skills and projects.
- Created a custom-designed, responsive layout ensuring optimal viewing on various devices, including phones.
- Implemented interactive elements including navigation menus and a contact form for enhanced user interaction.

ACTIVITIES

Software Engineer Club | *member* Aug 2024 – Present
UF Association for Computing Machinery | *member* Aug 2024 – Present
Boca Ciega Soccer Team Captain | *leadership* Oct 2023 – Feb 2024
- Led a team of 18 during each practice and game, warming up and helping the players understand the coach's tactics.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS

Frameworks and Libraries: Pygame, NumPy, matplotlib, Flask

Tools: Git, PyCharm, Jupyter Notebook, VS Code

Other Skills: Bilingual in English and French