
EDUCATION

Howard Community College

Columbia, MD

Major: Associate Degree Computer Science

Expected Graduation: May 2024

GPA: 3.4 | HCC Student Government Association Outstanding Service Award, Deans List (Fall 2023)

Relevant Courses: Introduction to Python, Web Development, Computer Concepts, Object-Oriented Language, Introduction to JavaScript, Discrete Structures, Advanced JavaScript, Dev for the Cloud.

WORK EXPERIENCE

IDEA Lab Kids - Columbia, MD

July 2023- October 2023

STEM Instructor

- Provide instruction in STEM Education to young learners, encompassing science, technology, engineering, and mathematics.
- Develop comprehensive and immersive lesson plans to convey complex STEM concepts, igniting curiosity within the children's hearts under guidance.
- Cultivate a dynamic and collaborative learning atmosphere that champions interdisciplinary teaching, fostering a culture where questions are not only embraced but also celebrated as vital elements in unveiling the mysteries of science and technology.

Bluewave Semi-Conductors, Arbutus, MD

October 2021 - April 2022

Software Engineering Intern - Front-End

- Played a pivotal role as a driven and adaptable intern in a fast-paced and dynamic environment.
- Drove the organization's success by prioritizing product quality, and fostering a customer-oriented approach, all while optimizing the company website for enhanced user experience.
- Conducted thorough research and actively contributed to crucial tasks essential for the company's business operations, demonstrating resourcefulness and commitment, especially in Web Technologies, to achieve defined objectives.

PROJECTS

Online portfolio

- My comprehensive online portfolio showcases my diverse projects, from interactive web applications to creative software solutions, highlighting my proficiency in programming languages such as Python, Java, and JavaScript.

Flappy Bird Clone

- Engineered a Flappy Bird clone, demonstrating my mastery of game development, data structures and algorithms.
- Used Python and Java to design an intuitive user interface and optimized game mechanics meticulously.
- This project highlights my interface design proficiency and ability to create seamless and engaging software experiences.

Sorting Algorithm Visualizer

- Creating a Sorting/Algorithm Visualizer in React, HTML, CSS, and JavaScript showcases my passion for software engineering and algorithmic problem-solving.
- Crafted an interactive tool, demonstrating my proficiency in front-end development.
- Enhanced my algorithmic thinking, emphasizing clean, readable, and maintainable code.
- Visualizer reflects my commitment to innovative solutions and continuous learning, embodying the skills of a dedicated software engineer.

Notion-API integration

- Designed and implemented an API-based application emphasizing API Developer Support, leveraging Notion and the PokéAPI. This optimized the data analytics and processing of Pokemon properties and their corresponding generations, eliminating the need for manual searches.
- Showcased commitment to continuous learning by leveraging YouTube tutorials to enhance proficiency in Notion, incorporating data reporting and data visualization techniques into the application, and actively contributing to API documentation enhancement to demonstrate problem-solving skills.

Monster Collector Game

- Developed an engaging Monster Collector Game through the implementation of Object-Oriented Programming, harnessing the power of key principles such as inheritance and polymorphism.
- Completed the menuBattle method, enabling rounds of battles with dynamic turn-based interactions.
- Showcased expertise in Java programming and game development, including a solid understanding and application of SDLC (Software Development Life Cycle) principles.

LEADERSHIP/ORGANIZATION

Student Government Association

Vice President

June 2023 - Present

- Lead and oversee a team of student senators, promoting a culture of collaboration, effective communication, and strategic project management.
- Develop impactful events, advocate for student concerns, and promote a positive and inclusive campus environment.
- Communicate student perspectives to the faculty and administration, contributing to decision-making processes that benefit the student body.

HCC Rebranding Committee

Member

October 2023 - Present

- Selected by the Office of Public Relations and Marketing to serve on this committee charged with rebranding the college's image to current students and the community.
- Collaborated in a detail-oriented cross-functional team, gathering feedback, assessing potential vendors, reviewing designs, and actively contributing to the submission of final versions for college and athletic logos. Ensured thorough review by senior leadership.
- Collaborated with a diverse cross-section of campus stakeholders in a series of meetings to establish guidelines and creative consensus.

SKILLS AND PROFICIENCIES

Python, Java, JavaScript, HTML, CSS, Microsoft Office suite, Google Suite, React, Git, VS Code, Excel, PowerPoint, API Integration

Others

Technical Writing, Strategic Planning, Social Media Marketing, Organization, Communication skills, Multitasking