Brandon Corbin

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EDUCATION

University of Florida, Gainesville FL — Cumulative GPA: 3.82
Bachelor of Science in Computer Engineering — *May 2023*

St. Johns River State College, Palatka FL — Cumulative GPA: 3.98
Associate of Arts Degree — *May 2020*

SKILLS

Languages: Javascript(ES5/ES6), HTML, CSS, SASS, SCSS, Java, C++, C, Python
Frameworks: React, GatsbyJS, Express.js, Node.js, MongoDB
Developer Tools: Git, AWS, SQL, Linux, Visual Studio, VS Code, Unity, Blender

PROJECTS

Programming Language Compiler (Java) — *2023*
- Successfully developed a custom programming language compiler in Java, emphasizing scalability and maintainability.
- Implemented pivotal components, such as the scanner, parser, type checker, and code generator, ensuring code is extensible for future enhancements.
- Conducted exhaustive testing with custom cases, showcasing robust debugging practices and efficient error mitigation strategies.
- Demonstrated a commitment to crafting efficient and scalable solutions in a complex software development environment.

Product Webpage (HTML, CSS, Javascript) — *2023*
- Architected and developed an aesthetically pleasing landing page for the fictitious product "AeroBeats," emphasizing efficiency in design.
- Applied CSS transitions and animations strategically to enhance user engagement, showcasing a keen eye for scalable and dynamic UI elements.
- Ensured a maintainable codebase through extensive testing on various devices and screen sizes, employing media queries and flexible layout elements to optimize user experience.
- Prioritized extensibility in design for potential future features and updates.

Clubfinder (MERN Stack) — *2022*
- Elevated student engagement through the design of the Clubfinder website, focusing on scalability and efficiency.
- Managed a MongoDB database for club information, utilizing Express.js/Node.js to create a maintainable and extensible backend structure.
- Crafted a user-friendly, modular UI with React, employing component-based development principles for enhanced maintainability.

CERTIFICATIONS

Responsive Web Design - freeCodeCamp — *June 2023*
JavaScript Algorithms and Data Structures - freeCodeCamp — *June 2023*