Bradley Titus

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EDUCATION

University of South Florida   August 2022 – December 2024
Bachelor of Science in Information Technology   *Tampa, FL*

Hillsborough Community College   August 2021 – May 2022
Associate's in Liberal Arts   *Tampa, FL*

EXPERIENCE

Trainee   June 2023 – August 2023
The Global Tech Experience   *Remote*

- Developed and deployed real-world applications using HTML, CSS, and JavaScript.
- Collaborated with a diverse team of developers and professionals, enhancing teamwork and communication skills.
- Received mentorship from experienced developers, gaining insights into best practices and advanced coding techniques.

Front Desk Executive   June 2022 – December 2022
LA Fitness   *Tampa, FL*

- Regularly update and maintain membership records using the gym's database software.
- Assist members with the gym's mobile application, including feature explanations and general troubleshooting.
- Assist members with third-party fitness tracking APIs with the gym's system, ensuring smooth integration.

PROJECTS

Full Stack Spotify Clone ⧉

- Developed a web-based Spotify clone, aiming to replicate the core functionalities of Spotify
- Leveraged the Spotify API and SDK to enable seamless music streaming capabilities.
- Incorporated OAuth 2.0 for user authentication, allowing users to log in, refresh sessions, and manage their data.
- Utilized AJAX for real-time UI responsiveness and RESTful services for seamless frontend-backend integration.

Algorithm Visualizer ⧉

- Developed a web application showcasing 16 sorting algorithms with interactive visualizations.
- Utilized React for dynamic and responsive user interface design.
- Enabled customizable settings for algorithm parameters, enhancing user engagement and learning.

Habit Tracker ⧉

- Developed a responsive habit tracking website with a visual calendar using React, Firebase Hosting, and Firestore.
- Implemented secure user authentication and authorization using Firebase Authentication.
- Utilized React components and data visualization techniques to create an intuitive interface for tracking habits.

Sudoku Game ⧉

- Developed a dynamic web platform for Sudoku puzzles using HTML, CSS, and JavaScript.
- Implemented a recursive algorithm for puzzle generation, ensuring diverse and challenging puzzles for users.
- Optimized for a seamless user experience, providing both puzzle creation and advanced solving tools.
- Enhanced user engagement with a variety of difficulty levels: Easy, Medium, Hard, and Expert.

CERTIFICATIONS

USF Web Development Program: Show Credential ⧉
Google IT Certification: Show Credential ⧉

TECHNICAL SKILLS

Languages: Java, C, Rust, PHP, Javascript, Python, SQL, HTML, CSS
Frameworks: React, Node.js, WordPress, Material-UI, Bootstrap, tailwind
Other Technologies: MySQL, MongoDB, Flutter, AWS, Git, RESTful APIs