

Brandon Wilson

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Clearances

Active Secret Security Clearance - 2024 - Current

Education

Bachelor of Science in Computer Science | GPA: 3.75/4.0 | *Magna Cum Laude*

Specialization: Web Development

Florida Southern College, Lakeland, Florida | *Graduation: May 2025*

Technical Skills

Languages: JavaScript, Java, Python, PHP, HTML5, CSS3, SQL, Dart

Frameworks & Libraries: React, Vue.js, Node.js, Express, Laravel, Bootstrap, Flutter

Cloud & DevOps: Microsoft Azure, AWS, Firebase, Netlify (CI/CD), Git, GitHub, Docker

Databases & Tools: MySQL, SQLite, Power BI, Microsoft Power Apps, Microsoft Excel, Visual Studio

Projects

Reservoir | Senior Project | *Fall 2024*

- Collaborated in a team of 3 to design and implement *Reservoir*, a full-stack media database and AI-powered recommendation platform, using Laravel (PHP), SQLite, and Microsoft Azure. Applied Agile methodologies with weekly sprint meetings and progress tracking via Notion and Slack. Contributed across the software development life cycle (SDLC), including requirements gathering, implementation, testing, and documentation. Focus areas included RESTful API integration, secure authentication (sign-in/sign-out), and dynamic UI components for personalized movie playlist creation. Practiced Git-based version control and wrote technical documentation to summarize project architecture and outcomes.

GoalScape | Personal Full-Stack Developer Project | *Summer 2025*

- Developed GoalScape, a full-stack web application using React, Express, and MySQL to help users create, update, and track personal goals over time. The app features full CRUD functionality, dynamic data visualizations with Flowbite, and an AI-powered suggestions via OpenSource.ai based on user progress, timelines, and notes. Utilized Docker for local development to deepen understanding of containerization. Designed a responsive and user-friendly interface with a focus on clarity and accessibility. Built independently as a passion project to explore full-stack workflows and practical AI integration.

Fantasy Football Website | Web Development Project | *Spring 2024*

- Developed a playoff fantasy football website from scratch for my family using Laravel, PHP, and MySQL. Built features for team scoring based on user input, tracking player performance, and ranking teams by points after each playoff round, with a homepage displaying all participants' teams.

Work History

USF Institute of Applied Engineering | Research Support Assistant | *May 2024 - Jan 2025*

- Assisted in technical and research-focused assignments for Department of Defense (DoD) projects under grant-funded programs, applying analytical and system-level thinking to real-world defense challenges.
- Co-authored and presented team-led research findings to DoD stakeholders, translating complex results into actionable insights.
- Participated in field experimentation events to test and evaluate commercial technologies for potential integration into military and government systems.
- Built internal tools using Microsoft Power Apps and Power BI to streamline data analysis, reporting, and dashboard generation for engineering teams. These tools supported the delivery of technology-driven solutions in fast-paced, high-security contexts.

Maryland Judiciary District Court Clerks Office | Summer Intern Judiciary Clerk | *Summer 2023*

- Managed Microsoft Excel spreadsheets.
- Worked with a Judiciary Information System database in which I researched criminal and traffic case numbers.
- Entered, organized and maintained case numbers, charges, and State ID numbers into spreadsheets for accurate record-keeping.

Honors & Awards

Chi Alpha Sigma - National College Athlete Honor Society

Magna Cum Laude - Graduate with 3.75 GPA

Athletic Director' Scholar-Athlete Award - Highest Cumulative GPA among Florida Southern's Men's Swimming

CSC Academic All-American - 2023 - 2025

First Team Individual Scholar All-American - 2022 - 2025

NCAA Division II All-American (16x) - 2022-2025

Swim Team Captain (2x) - 2023-2025

Student Athlete Advisory Committee (SAAC) - Selected to represent Swim team in athletic wide meetings - 2022 - 2025

Presidents List (3x) - Fall 2021, Fall 2023, Spring 2024

Deans List (5x) - Spring 2022, Fall 2022, Spring 2023, Fall 2024, Spring 2025

References

Cleao Martin - S&T Discovery Cell Lead Engineer – Office: (813) 826-6908, Cell: (813) 892-2985

Makel Pearce - Data Scientist – Office: (813) 826-8476, Cell: (561) 574-3853