

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*

Work History

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

- Assisted in technical assignments for DoD-related projects under grant-funded programs
- Co-authored and presented findings to the DoD on team-led research initiatives.
- Participated in field experimentation events to evaluate commercial technologies and how they can be implemented into the DoD.
- Built custom data management tools using Microsoft Power Apps and Power BI for internal teams.

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.

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.

Relay App | Software Engineering Project | *Spring 2024*

- Collaborated in a team of 4 to build a real-time messaging app, *Relay*, using Flutter and Dart. Implemented Firebase authentication, designed the homepage to display a dynamic list of friends, and developed features for adding friends and initiating chats, while following Agile practices and using GitHub, Notion, and Slack throughout the SDLC.

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.

Technical Skills

Languages: *Java, Python, PHP, JavaScript, HTML, CSS, SQL, Dart*

Frameworks/Tools: *Laravel, Vue, React, Bootstrap, JSON, Git, Docker, Flutter*

Cloud/Platforms: *Microsoft Azure, Amazon Web Services (AWS), Firebase*

Dev Tools: *Visual Studio, GitHub, Power BI, Microsoft Power Apps, Microsoft Excel*

Campus Involvement

Florida Southern Swim Team | *Fall 2021 – March 2025*

- *Team Captain - 2023-2025*

Student Athlete Advisory Committee (SAAC) | *Fall 2022 - March 2025*

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

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

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