

# DEAN WORRELS

813-312-4066 | [dworrels1@gmail.com](mailto:dworrels1@gmail.com) | [linkedin.com/in/dworrels](https://www.linkedin.com/in/dworrels) | [github.com/dworrels](https://github.com/dworrels)

## EDUCATION

**University of South Florida**  
*Bachelor of Science in Computer Science*

Tampa, FL  
*Expected May 2026*

**Pasco-Hernando State College**  
*Associate's in Arts*

New Port Richey, FL  
*Aug 2021 – July 2023*

## EXPERIENCE

**Computer Science Intern**  
*Sofwerx*

Aug 2025 – Present  
*Tampa, FL*

- Design, prototype, and test software systems supporting innovative solutions for U.S. Special Operations Command (USSOCOM).
- Build and deploy cloud-based applications and infrastructure on AWS, integrating Cognito user pools to enable secure authentication and role-based access.
- Configure and extend REST API integrations to support protected data submission workflows and improve system scalability.
- Collaborate with subject matter experts and contribute to weekly market research to identify emerging technologies for future warfighter capabilities.

**Data Science Intern**

June 2025 – Aug 2025  
*Tampa, FL*

*General Dynamics Information Technology (GDIT)*

- Developed and deployed a full-stack web application using Flask, React, and Tailwind CSS to monitor real-time data from multiple sources.
- Built interactive dashboards and visual reports with customizable filters to support data-driven insights for internal stakeholders.
- Integrated AI-powered summarization and semantic search features to improve content discoverability and analytical efficiency.
- Presented technical updates and progress reports to supervisors, aligning development with internal use cases and stakeholder feedback.

**Retail Sales Associate**

May 2021 – Aug 2025  
*Tampa, FL*

*Nike*

- Delivered high-quality customer service and supported team efforts that contributed to a 6% increase in overall store sales.
- Operated point-of-sale systems, managed transactions, and maintained accurate inventory through restocking and audits.

## PROJECTS

**AI Trip Planner** | *React, Tailwind CSS, Gemini API, Google Maps API, Firebase*

- Developed a full-stack travel planning web app using React, Tailwind CSS, Gemini API, and Firebase, allowing users to create and save custom trip itineraries.
- Integrated Google Maps and Places APIs to provide hotel and activity suggestions based on user preferences and budgets.
- Built secure authentication and dynamic trip history features using Firebase, and enabled personalized trip recommendations with Gemini API.

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, C/C++, HTML/CSS

**Frameworks & Libraries:** React, Next.js, Flask, Tailwind CSS

**Cloud & Platforms:** AWS, Google Cloud, Firebase

**Tools & Systems:** Git, Linux, Docker