

EDUCATION

- **Florida Gulf Coast University** Fort Myers, FL
B.S. in Software Engineering May 2026

EXPERIENCE

- **Information Technology Intern – Digital Engineering Platforms** March 2025 - Present
Herc Rentals
 - Assisted in AI development by writing SQL queries for training data procurement
 - Developed scripts to automate production environment testing, reducing regression testing time by **80%**
 - Implemented automated mobile application testing with LambdaTest, leveraging **OOP principles** in **JavaScript**
- **Student Research Assistant ([Research Paper](#))** November 2023 - July 2024
Florida Gulf Coast University
 - Wrote a **10-page** paper on improving cybersecurity training using Python and SQL for data analysis

PROJECTS

- **FinScope (Back-End) ([GitHub](#)) - ([Demo](#))** October 2025
KnightHacks 2025 Hackathon Project
 - Built an AI-powered platform that summarizes and simplifies daily financial news for everyday users
 - **Won 2nd Place** in OneEtho's challenge among 1,100+ competitors
 - Used Google Gemini, FRED, and News APIs to translate complex market data into simple AI-generated insights
 - Built a Node.js backend with Python microservices for data cleaning, forecasting, and AI insight generation
 - Tech Stack: Python, JavaScript, Node.js, Express.js, FastAPI, Gemini 2.5 Flash, React.js, Docker
- **iMPOSTURE (Full-Stack) ([GitHub](#)) - ([Demo](#))** September 2025
ShellHacks 2025 Hackathon Project
 - **Collaborated with a team of 4** to build a real-time desktop app that monitors posture to promote user wellness
 - **Won 2nd Place in Google Cloud's ADK** challenge among 1,400+ competitors
 - Used MediaPipe and YOLOv11 to construct **computer vision** pipelines for posture and phone detection
 - Leveraged **Google Cloud's ADK to create 3 agents** that analyze real time user data
 - Tech Stack: Python, Google Cloud ADK, MediaPipe, YOLOv11, Supabase
- **EagleHacks 2025 (Full-Stack) ([GitHub](#)) - ([Website](#))** December 2024
Personal Project
 - Developed the official web app for FGCU's annual hackathon — EagleHacks
 - Facilitated registration and participation for over **60 users** using a secure REST API with **MongoDB**
 - Tech Stack: MongoDB, Express.js, React.js, Node.js, Shadcn/ui, Particles.js

ACHIEVEMENTS

- **Software Engineering Club Secretary** November 2024 - Present
Florida Gulf Coast University
 - Secured \$15,000+ in corporate sponsorships for the EagleHacks events
- **Society of Hispanic Professional Engineers (SHPE)** October 2025 - Present
Member
 - Active member participating in national conferences and networking events with industry professionals
- **Dean's List x2** Fall 2023, Spring 2025
Florida Gulf Coast University
 - Recognized on the Dean's List for ranking in the top 15% of the Software Engineering program