

MATTHEW GOEMBEL

SOFTWARE ENGINEER

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EDUCATION

Florida Institute of Technology, Melbourne, FL

August 2022 - Dec 2025

Bachelor of Science in Software Engineering

SKILLS

Software: AWS, Google Cloud, Godot, Unity, Docker, Git, GitHub, VS Code, PyCharm, Jira, SQL Workbench, MongoDB, Render, Vercel, Linux, Photoshop, Figma, Firebase, Expo, Cloudinary, Puppeteer, Design Tools

Languages: Python, Java, C, GDScript, SQL, R, React Native, Typescript

Processes: Full-stack development, Mobile app deployment, API integration, DevOps, Secure authentication, UX/UI, AI integration, Agile, Scrum, Kanban, Software Testing, Version Control, Requirements Engineering, Real-time systems

WORK EXPERIENCE

Digital Content Manager

July 2024 - Present

Carolina Cabinet Specialist, Cary, NC

- Increase brand presence through creative content creation
- Use data insights to maximize social media and website traffic
- Communicate with the company weekly to evaluate and plan upcoming content

Game Tester (Contract)

January 2024 - Present

Red Storm (Ubisoft), Remote

- Ensure the game has been thoroughly played through
- Attempt to identify bugs, issues, or areas of improvement
- Provide detailed feedback from the playtest

Head Swim Coach

May 2022 - Aug 2024 (Seasonal)

Lochmere Swim Club, Cary, NC

- Led the 2022 and 2024 teams to win the Division IV Championship
- Organized and monitored daily practice sessions
- Designed the clothing and literature for the 2021, 22', 23', and 24' team

PROJECTS

Hypewave AI - AI co-pilot built for traders

May 2025 - Dec 2025

- [Hypewaveai.com](https://hypewaveai.com)
- Designed and developed a full-stack trading ecosystem
- Implemented real-time AI-driven signals, chart-based chat, market analysis, and premium subscription features.
- Preparing for App Store / Play Store release, pending final legal approvals.

Cool Cyber Games: Interactive Cybersecurity Learning Platform

January 2025 - Dec 2025

- [Coolcybergames.com](https://coolcybergames.com)
- Full-Stack development of a cybersecurity teaching web application
- Created a gamified learning experience with progress and achievements
- To be presented at the Senior Design Showcase in December

HONORS & CERTIFICATIONS

- AWS Certified Cloud Practitioner (March 2024)
- Google Cloud Certified Cloud Digital Leader(June 2025)
- Panther Fund Academic Scholarship Recipient (2022, 2023, 2024)
- Dean's List (Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024, Spring 2025)
- Member: The Order of the Engineer (April 2025)

CO-CURRICULAR ACTIVITIES

- Florida Institute of Technology Varsity Swim Team, Travel and Scoring Team (2022-2023)
- Florida Institute of Technology Club Swim Team (September 2024 - present)