

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 GPA: 3.4

SKILLS

Software: AWS, Microsoft Azure, Godot, Docker, React, Git, GitHub, VS Code, IntelliJ IDEA, PyCharm, npm, Jira, MySQL Workbench, MongoDB, AutoCAD, Inventor, Linux, Windows, PowerShell, CMD, Microsoft Teams, Drive, Jupyter Notebooks, Microsoft Office, Solana, Ethereum

Languages: Python, Java, JavaScript, GDScript, C, SQL, R, MATLAB, HTML/CSS, Assembly

Processes: Agile Development, Scrum, Kanban, Waterfall, DevOps, Unit Testing, Integration Testing, System Testing, Pair Programming, Version Control, API's, Debugging, Database Design, Object-Oriented Design, Documentation, Requirements

WORK EXPERIENCE

Lochmere Swim Club, Cary, NC

May 2022 - Aug 2024 (Seasonal)

Head Swim Coach

- Lead the 2022 and 2024 team 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
- Installed and managed the digital timing system every meet

Red Storm(Ubisoft), Remote

January 2024 - Present (Contract)

Play tester

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

Carolina Cabinet Specialist, Cary, NC

July 2024 - Present

Website & Social Media Manager

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

PROJECTS

Florida Institute of Technology, Melbourne, FL

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
- Gamified learning experience with progress and achievements
- Interactive and accessible on all platforms, with top-five most popular languages support

Feudal Tactics: Open-Source Strategy Game

January 2024 - May 2024

- Programmed in primarily Java language
- Completed several open issues and extended game functionality
- Merged commits to the main project branch
- Presented to panel of professors

HONORS & CERTIFICATIONS

- AWS Certified Cloud Practitioner (March 2024)
- Panther Fund Academic Scholarship Recipient 2022, 2023, 2024
- Dean's List (Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024)

CO-CURRICULAR ACTIVITIES

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