MATTHEW GOEMBEL

SOFTWARE ENGINEER

Melbourne, FL | 919-740-0631 | mgoembel1@gmail.com | matthewgoembel.github.io/mpg.portfolio

---

EDUCATION

Florida Institute of Technology, Melbourne, FL   August 2022 - Dec 2025

Bachelor of Science in Software Engineering GPA: 3.4

SKILLS

Software: AWS, Godot, Docker, Git, GitHub, VS Code, PyCharm, Jira, SQL Workbench, MongoDB, AutoCAD, Inventor, Linux, Windows, CMD, Microsoft Teams, Drive, Jupyter, Microsoft Office, Blockchains

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

Processes: Agile, Scrum, Kanban, Waterfall, DevOps, Unit Testing, Integration Testing, System Testing, Pair Programming, Version Control, APIs, Debugging, Relational Databases, Object-Oriented, Documentation, Requirements Eng.

WORK EXPERIENCE

Lochmere Swim Club, Cary, NC   *May 2022 - Aug 2024 (Seasonal)*

Head Swim Coach

- 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
- Installed and managed the digital timing system every meet

Red Storm (Ubisoft), Remote   *January 2024 - Present (Contract)*

Game 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 the company weekly to evaluate and plan upcoming content

PROJECTS

Florida Institute of Technology, Melbourne, FL   *January 2025 - Dec 2025*

Cool Cyber Games: Interactive Cybersecurity Learning Platform

- Coolcybergames.com
- Full-Stack development of a cybersecurity teaching web application
- Gamified learning experience with progress and achievements
- Will present at the senior design showcase

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 a 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)
- 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)