

Michael Hayworth, Software Engineer

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Education

B.S. in Computer Science, Minor in Educational Technology, University of Florida, Gainesville, FL

Expected Graduation: May 2024

GPA: 4.00/4.00, Member of University Honors College

Relevant Coursework and Projects

- COP3503: Programming Fundamentals 2
- COP3530: Data Structures and Algorithms
- CEN3031: Introduction to Software Engineering
 - OSS Project: Contributed to designing UI in C++ for Mumble, an OSS for voice chat
 - Due Desk: Product Manager of a Python-based desktop app for students to reduce procrastination with GUI made with the PyQt5 library; led daily scrums and development process
- EEL3872: AI Fundamentals
- CDA3101: Computer Organization
- EGN4912: Ethics for Engineers

Professional Experience

Full Stack Software Engineer Intern, MetroTech IT Services, Clearwater, FL | March 2022 – Present

- Development and deployment of company ticket and sales tracker
- Participate in daily scrums to discuss progress and feedback regarding software system
- Work with full technology stack including Linux server, Docker containers, SQL Database, Go backend, and JavaScript (jQuery), HTML, and CSS (Bootstrap) front end

Mathematics Instructor, Mathnasium of East Lake, Palm Harbor, FL | January 2020 – January 2021

- Tutor multiple students grades 6-12 in mathematics including algebra, trigonometry, and calculus
- Manage a focused environment to learn mathematics

Development Skills

- **Proficient:** C++, Python, AGILE (Scrum), Docker, Git/GitHub
- **Experienced:** Go, Java, Linux, JavaScript/jQuery, HTML, CSS/Bootstrap
- **Familiar:** MATLAB, SQL Database

Extracurricular Activities and Leadership

Outreach Officer, Society of Software Developers, University of Florida | August 2020 – Present

- Participated in a student-run organization based on developing correct, maintainable code
- Managed club LinkedIn account
- Communicated club plans to 100 members in addition to leading new recruitment efforts
- Corresponded with companies and local startups to lead guest speaker events

Culinary Chair, Delta Chi Fraternity, University of Florida | January 2022 – Present

- Managed meal plan payments for 60 members
- Collaborate with food service industry to ensure satisfactory meal preparation

UF Swampacks, Hackathon, University of Florida | January 2022

- Submission: <https://devpost.com/software/comparing-salaries-bot>

Scholarship Recipient, Gartner Group Information Technology Science, University of Florida | April 2022