

Michael Liamkin

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EXPERIENCE

Software Engineer

June 2024 – Present

Lockheed Martin, Rotary and Mission Systems

Orlando, FL

- Agile Scrum Master for a team of software engineers collaborating with cross-functional groups on projects involving workflow automation
- Developed automation software that reduced time for manual processes by as much as 80 percent
- Developed configuration management software working closely with hardware and produced a web interface to visualize data
- Python, Bash, PowerShell, C#, C++, GitLab CI/CD, React

Bioinformatics Intern

July 2023 – November 2023

Florida Institute of Technology

Melbourne, FL

- Used Go language to write efficient algorithms that iterate through COVID spike protein sequence data in order to find trends in mutations
- Developed reports with data analysis and code analysis

Web Developer Intern

June 2018 – August 2018

Latent Data

Gainesville, FL

- Created a dashboard application using Wordpress with PHP and jQuery for managing announcements
- Identified two website issues through troubleshooting and testing before deploying
- Developed website pages utilizing the Bootstrap framework with HTML and CSS

Team Lead

August 2022 – March 2024

Panera Bread

Gainesville, FL

- Experience leading a team of employees, communicating and delegating tasks
- Fulfilling customers needs and engaging positively with customers

EDUCATION

University of Florida

Gainesville, FL

Bachelor of Science in Computer Science

July 2020 – May 2024

- GPA: 3.94
- Mathematics Minor
- Web Developer for *Gatorloop "Hyperloop at UF" Engineering Club*

PROJECTS

Web Application for Accessible Resources (UDL4CS) | *Java, Spring, React, Next.js, H2*

- Developed a full-stack web application with a team and created CRUD operations using the Spring Java library as a back-end and a Next.js React front-end
- Effectively developed tag-filtered search functions for Computer Science teachers of learners with disabilities to find accessible resources custom to their needs

Solar Panel Calculator | *Python, Flask*

- Developed a full-stack web application with a team using the Flask framework in Python
- Used weather data and solar panel data APIs as well as customized user input to calculate personalized solar panel cost and profit timeline calculations
- As project manager, coordinated Agile Scrum meetings and processes to effectively support team development

Mobile Fitness Application | *Java, Android Studio, SQLite*

- Developed a full-stack mobile application in Android Studio for users to keep track of fitness records
- Wrote extensive SQL queries in SQLite to save and display user information and statistics

TECHNICAL SKILLS

Languages: Python, C/C++, Java, PowerShell, Bash, GitLab CI/CD, HTML/CSS, JavaScript, SQL

Frameworks: Flask, Spring, JUnit, React, Next.js, WordPress, H2, SQLite