

# Michael Ippolito

(678) 588-4810 • Orlando, FL • [michaelippolito234@gmail.com](mailto:michaelippolito234@gmail.com) • [michaelrippolito.com](http://michaelrippolito.com)

## SKILLS

---

Languages: C++ | Python | C | HTML/CSS/JavaScript | C# | Java | Flutter(Dart)

Frameworks: Asio | NumPy | Pandas | Django | NodeJS | React

Tools/OS: Linux | Git/Gitlab/Github | Jira | Confluence | VSCode | Visual Studio | Firebase

## EXPERIENCE

---

### Software Engineer

October 2022 - Present

Lockheed Martin RMS | Orlando, FL

- Developed and maintained software for IO devices and hardware using C++ and C programming languages
- Worked collaboratively with senior software engineers to ensure the final product aligns with technical documentation and design specifications
- Optimized and debugged code for improved performance, ensuring smooth integration with hardware components
- Utilized software development tools such as debuggers, version control systems, and unit testing frameworks to streamline the software development process
- Participated in Agile development processes including sprint planning, daily stand-ups, and retrospectives

### Electronics Engineer

July 2021 - September 2022

402d Software Engineering Group RAFB | Warner Robins, GA

- Developed and implemented multiple desktop applications that significantly increased the productivity of simulation file creation by 80%
- Utilized Python with Numpy to create efficient and user-friendly scripts for file conversion to XML, CSV, and other formats, handling large amounts of data with ease
- Adapted Java APIs to extract critical information from databases and designed WPF applications using C# to manipulate data and create intuitive user interfaces, enhancing user experience and workflow efficiency
- Coordinated and led cross-functional teams in problem-solving, troubleshooting, and documenting various applications, ensuring smooth operations and effective knowledge transfer
- Maintained a secret-level security clearance and adhered to the Department of Defense guidelines to safeguard classified information, ensuring secure data management and storage

### Flutter App Developer

August 2020 - May 2021

Mercer University School of Engineering | Macon, GA

- Developed a responsive mobile application using Flutter and Dart that streamlined the process for new college students to navigate Mercer University's School of Engineering, resulting in 90% increase in user satisfaction
- Utilized Firebase database tools to create a dynamic app that can be easily updated with new content, providing real-time information to users and keeping the app relevant and useful
- Optimized the app for cross-platform use, ensuring that it works seamlessly on both iOS and Android devices, as well as multiple phone sizes, making it accessible to a wider audience

## EDUCATION

---

Mercer University | Macon, GA

August 2017 - May 2021

Bachelor of Engineering, Electronics and Electrical Engineering