

# GEORGE M. AYOB

SOFTWARE ENGINEER | NYC

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[Portfolio](#)

[Linkedin](#)

[Github](#)

## PROFILE

Detail-oriented Software Engineer with a Master's in Computer Science (expected August 2024) and hands-on experience in agile software development, system design, and real-time applications. Proven track record of enhancing system efficiency and performance through innovative solutions and collaborative teamwork.

## AREAS OF EXPERTISE

Java • C++ • Python • PyQT  
Docker • Linux • UNIX • Git  
SQL • UML • sysML • VMWare  
Kubernetes • Ansible  
MOSA • HTML • CSS • PHP  
MySQL • OOP • Matlab  
CMake • Jira • Confluence  
UI Development  
Agile Development  
Relational Databases  
Algorithms • Data Structures  
Cameo Systems Modeler  
Face Standard Model  
Scrum Master  
Communicative  
Interpersonal Skills  
Organization Skills  
Strong Planner

## WORK EXPERIENCE

### Lockheed Martin

#### • Software Engineer – Level 2 | August 2022 – Present

- Experience in MOSA Crewed/Uncrewed Teaming Mission Systems in a full software lifecycle environment in autonomy planning and algorithm development related to collaborative advanced teaming.
- Served the role of Scrum Master, elevating the agile development team's sprint completion rate by 20% through new and improved workflows and efficient team engagement techniques.
- Developed an internal system health and monitoring GUI tool with Python libraries increasing execution and analysis efficiency of mission system by over 50% and reducing staff in lab time testing.
- Collaborated on projects re-architecture to overhaul over 30% of the system's design, improving systems performance and scalability.

#### • Software Engineer Asc. | January 2021 – August 2022

- Engineered, tested and integrated software applications for real-time aircraft systems using C/C++, Python, Linux, Docker, Git & Jira.
- Designed, developed and integrated 100+ software applications adhering to user stories, design and requirement specifications.

### ICP Inc.

#### • Configuration Technician | March 2020 – May 2020

- Specialized in software and OS imaging and configuration, enhancing device setup and deployment processes.

## EDUCATION

### Stevens Institute of Technology | Expected August 2024

- *Masters of Science in Computer Science*

### College of Staten Island

May 2020

- *Bachelors of Science in Computer Science, GPA: 3.6*
  - ABET-Accredited: Computing Accreditation Commission
  - Dean's List (2016 - 2020)

## LEADERSHIP / VOLUNTEER ACTIVITIES

### C.S Tutor

St. George Coptic Orthodox Church | February 2019 – Present

- Mentor students of several major programming topics relating to the study of data structures and algorithms in C++ and Java.

### Volunteer

St. George Coptic Orthodox Church | Brooklyn, NY

- Instructor, create interactive lesson plans to be taught weekly for youth.
- Event/Trip planner, manage and regulate activities for youth.