

Michael Edwards

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with expertise in embedded systems and AI development. Proven track record of innovating solutions for complex issues. Exceptional interdepartmental collaboration and communication skills. Consistent demonstration of leadership and delegation to seamlessly accomplish program goals.

SKILLS

- Python
- Linux
- Java
- Tensorflow
- C/C++
- Docker
- Verilog
- Rust
- PyTorch
- Git
- Assembly
- Windows

CLEARANCES

Active DOD Secret Clearance

AWARDS

Dedicated Employee Award- Aug 2021

EXPERIENCE

Senior Software Engineer

Lockheed Martin, 2022 - Current

- Deployed and led demos of flight software in a field test environment
- Leveraged rapid development and deployment methodologies for UAS autonomy products
- Spearheaded efforts with subsystem providers/subcontractors for 'Autonomous Next Gen' flight vehicles
- Coordinated lab integration efforts to verify system components in preparation for field testing and demonstrations
- Created a live flight simulation to test system flight performance/capability.

Computer Scientist

Army Futures Command, 2021 - 2022

- Led Hardware/Software development and integration efforts with laser systems, machine learning algorithms, and IR Cameras/Sensors on various military platforms
- Created an Inertial Navigation System to facilitate far target location
- Developed and used different CNNs to detect different targets in varied environments
- Demonstrated successful operation of systems to customer during Project Convergence '21
- Developed in-house Automatic Target Recognition algorithm

EDUCATION

Bachelor of Science - Computer Engineering

University of Memphis, Memphis, TN