

Lapoldeon Williams

Washington, D.C. | 202-905-4508 | lapoldeon7@gmail.com | linkedin.com/in/lapoldeon | github.com/flatoutlj

SUMMARY

Software QA engineer with a cybersecurity and information systems background. Completed a six-month Software QA Engineering Career Experience at Apple in San Diego contributing to iOS 27, with hands-on experience in test automation, manual and regression testing, and secure software practices.

TECHNICAL SKILLS

Languages & Tools: Python, Swift, SQL, Java, C++, MATLAB, Bash

Platforms & Infrastructure: AWS, Linux, Docker, Jenkins, Git, Networking, Raspberry Pi

QA & Testing: Test Automation, Regression Testing, Exploratory Testing, SDLC, SonarQube

Data & Analytics: Tableau, Weka, Splunk, Database Management

Certifications: Oracle Database Management, MS Access, Microsoft Office Specialist

PROFESSIONAL EXPERIENCE

Apple Inc. — San Diego, CA

Software QA Engineer, Career Experience (CE) | Jan 2026 – Jun 2026

- Contributed to the design and testing of new features for iOS 27 during a six-month engineering Career Experience.
- Designed and executed test procedures across platforms in the Apple ecosystem to discover defects and bridge gaps between manual and automated testing.
- Owned end-to-end EU-mandated compliance testing initiatives (DRI), driving cross-functional coordination and validation across all impacted platforms and features.
- Developed internal testing applications in Swift and Python-based automation tools to streamline QA workflows, using AI-assisted development to reduce manual testing cycle time.
- Partnered with developers throughout the SDLC to triage defects and execute functional, regression, and exploratory testing.

Apple — Washington, D.C.

Sales Specialist | Dec 2023 – Present

- Champion Apple's Steps of Service to deliver an exceptional customer experience at a flagship location.
- Identify customer needs through active conversation to drive results and educate customers on Apple products, services, and features.

Penn State Applied Research Laboratory

Cybersecurity Analyst Intern | May – Aug 2024

- Researched and prototyped a purple-teaming platform using Kali Linux, open-source red-team tooling, and custom scripts to strengthen threat detection and incident response readiness.
- Configured and monitored Palo Alto firewalls and Fidelis XDR, improving perimeter defense and internal threat visibility across segmented networks.
- Deployed fiber network infrastructure across multiple buildings and conducted SOC incident investigation using Splunk log analysis.

Walter Reed Army Institute of Research

Biomedical Systems & Technology Intern | Apr – Aug 2022

- Developed and maintained hyperbaric chamber hardware supporting Navy biomedical simulations of vascular performance under high-pressure conditions.

- Configured sensory nodes for secure EKG data acquisition; applied Python and MATLAB to interpret medical datasets, improving measurement accuracy by 15%.

Armed Forces Retirement Home

IT Support Volunteer | 2018 – 2025

- Configured and maintained Ethernet networks, phone systems, and printers to ensure secure, reliable facility-wide connectivity.
- Assisted veterans with secure system access and educated users on phishing threats and cybersecurity best practices.

EDUCATION

University of Maryland, Baltimore County (UMBC) | May 2025

B.S. Information Systems — Cybersecurity Concentration; Business Management Minor

PROJECTS

CI/CD Pipeline for Application Deployment (Jenkins, SonarQube, Git, Docker) — Implemented a full CI/CD pipeline with Git webhook-triggered Jenkins builds and SonarQube static analysis for security gate enforcement; containerized via Docker.

Hotel Data Visualization System (Tableau, Weka) — Built a hotel analytics dashboard using Weka data mining and Tableau to support occupancy optimization and strategic pricing.

Food Industry Database Management System (PL/SQL, Oracle SQL, SQL Developer) — Developed a fully relational database with complex queries, triggers, and stored procedures supporting inventory, sales, and customer tracking at full normalization.

COMPETITIONS & LEADERSHIP

- **Texas Instruments Robotics — 1st Place:** Unmanned firefighting drone concept presented to industry leaders.
- **Penn State Robotics SEAL Challenge — 1st Place:** C++ autonomous robot; fastest course completion for payload delivery.
- **UMBC Hackathon — 1st Place:** Voice chat moderation software using Google's Voice API and Python (first-time hacker category).
- **National Society of Black Engineers:** Member.