

Patrick Garzon

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TECHNICAL SKILLS

Languages: Java, Python, C, Swift, JavaScript, HTML/CSS, MySQL

Technologies: Flask, FastAPI, Pandas, SwiftUI, REST APIs, SQLAlchemy, Git, Docker, AWS (EC2, S3, IAM, RDS), Appium, Firebase, Jira, Confluence

Certifications: AWS Certified Cloud Practitioner (Expected May 2026), AWS Certified Solutions Architect (Expected Jun 2026)

EDUCATION

George Mason University, Fairfax, VA **May 2025**

Bachelor of Science, Computer Science

Northern Virginia Community College, Annandale, VA **Aug 2021**

Associate of Science, Computer Science

EXPERIENCE

Regal Cinemas, Springfield, VA **Jul 2017 – Present**

Maintenance Technician

- Served as on-site technical point of contact for projection, kiosk, and POS hardware/software issues, diagnosing and resolving failures to minimize customer-facing downtime
- Installed and configured new hardware including running cables and integrating equipment into existing systems to ensure seamless operation

Department of Homeland Security – CBP, Ashburn, VA **Oct 2024 – May 2025**

Software QA Intern

- Designed and implemented Python/Appium automation frameworks to test CBP Trusted Traveler Program (TTP) mobile apps, ensuring compliance with federal and DHS system requirements
- Executed functional, regression, and integration testing using Python, Appium, MySQL, and Docker; analyzed SQL data to support data-driven validation workflows
- Presented live code demos during Agile sprint reviews; used Confluence and Jira to document requirements, track tasks, and collaborate with developers, QA engineers, and product owners
- Conducted root cause analysis on complex software–hardware integration incidents, improving system reliability and cross-functional incident response

River Bridge Technology, Springfield, VA **May 2023 – Aug 2023**

Support Specialist

- Troubleshoot network-related issues to prevent disruptions to workplace productivity, improving overall operational efficiency
- Configured and deployed routers and switches to establish and maintain network infrastructure, ensuring stable connectivity across the facility

PROJECTS

Cheers App | Swift, SwiftUI, Python, FastAPI, MySQL, Firebase, MapKit

- Building an iOS app for users to discover nearby bars and browse exclusive drink deals; implemented location-based search with MapKit and integrated Firebase for auth, data storage, and real-time updates

Trusted Traveler Program – Test Automation | Python, Appium, MySQL, Docker, Behave

- Designed automated BDD test scenarios for the TTP Android app using Python, Behave, and Appium; reduced manual testing effort and improved app reliability through Docker-containerized test execution