

Tashan Gillem

Cincinnati, OH | Relocating to Chicago, IL

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EDUCATION

University of Cincinnati

August 2019 – May 2024

Bachelor of Science in Computer Engineering

GPA: 3.5/4.0

- Relevant Coursework: Data Structures, Computer Architecture, Cloud Computing, Operating Systems

EXPERIENCE

Western & Southern Financial Group

June 2024 – Present

Software Developer

- Built and injected .NET Core logging API into 100+ repositories, cutting debugging cycles from 30–60 minutes to near-instant issue tracing
- Led ASP.NET MVC → Blazor migration for enterprise portal supporting 20+ users, mentoring peers and junior engineer on modern frameworks
- Implemented CI/CD pipelines in TFS and IIS across DEV/TEST/PROD, standardizing deployment workflows and improving release reliability
- Executed parallel testing for 30+ batch jobs in Field Payroll System rollout, ensuring seamless transition from mainframe to cloud-first systems
- Developed .NET Core REST APIs with EF CRUD ops and XUnit tests, integrating payroll, agent, and financial data for cross-team accessibility

Western & Southern Financial Group

January 2023 – April 2024

Software Developer Intern

- Created 5 C#/.NET Core batch jobs to modernize payroll, migrating 8+ legacy COBOL processes into scalable cloud-ready workflows
- Enhanced ASP.NET portal with SQL-backed real-time tables, replacing scheduled email reports for immediate agent data access

Altamira Technologies

June 2021 – August 2022

Software Engineer Intern (Three Co-op Rotations)

- Developed Angular/Vue.js components and Go services for 3 government apps, driving user-focused UI/UX improvements
- Automated 10+ CI/CD pipelines with Jenkins and Docker, streamlining builds and deployments across test and production
- Supported migration to microservices architecture, boosting API reliability and modular deployment flexibility

PROJECTS

Indoor Positioning Tracker | Python, Flask, C++, ESP32, JavaScript

GitHub: [gillemta/indoor-positioning-tracker](https://github.com/gillemta/indoor-positioning-tracker)

- Engineered real-time indoor tracking system using 5 ESP32 devices with Ultra-wideband technology, creating \$50-per-device alternative to \$1,500 collision avoidance systems
- Built Python Flask dashboard with triangulation algorithms to monitor positioning data and trigger safety alerts in confined warehouse environments

Bug Likelihood Ranker | Python, LightGBM, Scikit-Learn, Pandas

GitHub: [gillemta/bug-likelihood-ranker](https://github.com/gillemta/bug-likelihood-ranker)

- Implemented Learning-to-Rank model using LightGBM to predict bug-prone files from 1,500 commits in Cal.com repository, transitioning debugging from reactive to proactive
- Achieved 85.5% precision and 73.8% accuracy through feature extraction of commit metadata, timing analysis, and keyword processing of commit messages

TECHNICAL SKILLS

Languages: C#, Python, SQL, JavaScript, C++, Go

Frameworks: .NET Core, Spring Boot, Flask, Node.js, Express, React, Angular, Spark

Developer Tools: AWS, Azure, Docker, Git, Jenkins, Jira