

Bryan Quinn

bryan.quinn17@gmail.com - Boston, MA - 814.571.7895 - [linkedin.com/in/bryan-quinn/](https://www.linkedin.com/in/bryan-quinn/) - github.com/bquinn17

A software engineer with 6 years of combined experience, specializing in distributed systems, cybersecurity, and machine learning. Security clearance information available upon request.

EDUCATION

Rochester Institute of Technology, Rochester, NY

MS Computing Security, BS Software Engineering, Summa Cum Laude (2020)

EXPERIENCE

Airspace Intelligence, Boston, MA

Software Engineer - L6, ASI Federal (July 2024 - March 2026)

- Delivered customer-driven product capabilities end-to-end, translating direct user engagement into full-stack implementations deployed to production in weeks rather than months.
- Architected and operated distributed microservices on Kubernetes and AWS, enabling scalable, observable, and resilient mission-critical platforms.
- Led a 4-engineer team, owning system architecture, technical direction, and delivery of product-focused capabilities.
- Built secure backend systems in Python (Django) and Rust, and implemented DevSecOps and CI/CD automation to accelerate delivery and strengthen security.

MITRE Corporation, Bedford, MA

Senior Cybersecurity Engineer, [Cyber Solutions Innovation Center](#) (May 2020 - July 2024)

- Led a team of 4 engineers in developing a real-time anomaly detection engine and API written in Rust. Co-lead development of an analytic language, engine, and API developed in Java and using Redis.
- Drove changes in customers' security monitoring architecture via prototypes for private cloud, containerized software, enterprise networks, and IoT/OT.
- Drove internal adoption of containerization, DevSecOps, SAST, and Kubernetes.

Software Engineering Intern, [AI and Autonomy Innovation Center](#) (May 2018 - Apr. 2020)

- Contributed to the Java backend of an ML-based framework for media processing pipelines.
- Improved result aggregation API scalability & automated containerized service build/deployment.

Intuit Inc., Mountain View, CA

Software Engineer Co-Op, Small and Medium Business Group (May 2017 - Dec. 2017)

- Contributed to QuickBooks Online backend Java API migration to GraphQL (2.3M users).
- Reducing API P90 latency from 20s to 200ms by introducing predictive caching.
- Engineered new deployment pipeline & QA infrastructure to support thousands of internal developers.

PUBLICATIONS

- **OSS Contributor** (2019 - 2022) [MITRE Engage Framework](#), [Open Media Processing Framework](#).
- **Patent** (2021) Systems and Methods For Reducing Alert Fatigue During Operation of Cyber-Physical Systems. Granted 08/2025 [US20240015062](#) (Co-Author) - MITRE.
- **Patent** (2020) Generating test data as a service for use in testing software during software development. Granted 2020, [US10824544B1](#) (Key Contributor) - Intuit.

SKILLS

- **Proficient:** Python, Rust, Java, DevSecOps, Kubernetes, Distributed Systems, Application Security
- **Experienced:** Django, C#/Dotnet, Databases, Javascript, Analytics, Enterprise Security