Mohammad Pervaiz

US Citizen | *momoperv123@gmail.com* | *linkedin.com/in/mohammad-pervaiz* | *github.com/momoperv123* | **929-398-1342**

EDUCATION

Queens College, City University of New York — May 2027
Bachelor's in Computer Science, Minor in Mathematics — GPA: 3.7 / 4.0

- Coursework: Software Engineering, Database Systems, Data Structures, Algorithms, Theory of Computation

EXPERIENCE

Bloomberg LP — Summer 2026
Returning Software Engineering Intern — New York, NY

Bloomberg LP — June 2025 – August 2025
Software Engineering Intern — New York, NY

- Built a centralized and scalable Kafka-based CDC pipeline for 26K+ employees, replacing inefficient batch jobs
- Delivered IAM-guarded updates from 5+ upstream services by implementing batching in a distributed system
- Engineered fault-tolerant and reliable updates to 3+ ETL consumers using exactly-once with Kafka transactions
- Achieved 100% monitoring coverage for poller errors by adding alerts via dashboards for logging and telemetry
- Developed 150+ automated unit, integration, and system tests within Docker securing ~90% code coverage

Morgan Stanley — December 2024 – January 2025
Software Engineering Intern — New York, NY

- Expanded coverage for 10+ JSON fields in a validation REST API with schema checks before deprecation
- Prevented outages by blocking 100% of invalid payloads, ensuring data integrity for dependent trading systems
- Wrote unit tests for 20+ API endpoints and collaborated with compliance to meet regulatory requirements

People Inc — June 2024 – August 2024
Software Engineering Intern — New York, NY

- Shipped user-facing features for *People.com* (8M+ daily visits) and *Entertainment Weekly* (1M+ daily visits)
- Scaled site functionality with 270M+ monthly viewers while ensuring 100% ad revenue integrity via profiling
- Standardized development across 40+ brands by integrating a reusable carousel into People Inc's monorepo
- Created modular, scalable UI components across 2+ brands for the Olympics, designed for future reusability

PROJECTS

Music Recommendation App — *Demo*
React.js, Tailwind, Node.js, Express.js, OAuth, Spotify API, Genius API — *GitHub*

- Implemented endpoints for Spotify token refresh with validation and error handling, reducing auth failures ~80%
- Integrated Genius lyrics API with token-based calls and 404/500 handling, ensuring ~90% reliable lyric requests

LEADERSHIP

Code For All — May 2025 – Present
President — New York, NY

- Led a 2,000+ member tech club, organizing workshops and events for students at and beyond Queens College
- Organized Hack Knight, a 48-hour biannual hackathon with 600+ applicants from 50+ colleges nationwide

SKILLS

Languages: Python, Java, C++, JavaScript, TypeScript, SQL, Bash, XML, HTML, CSS
Frameworks: FastAPI, Express, Node.js, Next.js, React, Tailwind, Bootstrap, Pytest
Technologies: Confluent Kafka, GraphQL, gRPC, PostgreSQL, MongoDB, Redis, Docker, Linux, Git, Grafana, Humio