

Liam Goldberg

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EDUCATION

Atlantic Coast University

Boston, MA

Bachelor of Science in Computer Science

GPA: 3.6 / 4.0

Minor in Cybersecurity

September 2021 – May 2025

- Relevant Coursework: Distributed Systems, Computer Networks, Operating Systems, Compilers

EXPERIENCE

Backend Engineer Intern

May 2024 – August 2024

FinTech Innovations

New York, NY

- Developed high-performance microservices using Java and Spring Boot for a real-time stock trading platform.
- Implemented caching strategies with Redis, which decreased API response times by over 60% under high load.
- Designed and wrote schema migrations for a large-scale PostgreSQL database, ensuring zero downtime during deployment.

Undergraduate Teaching Assistant

January 2024 – May 2024

Atlantic Coast University, CS Department

Boston, MA

- Led weekly lab sessions and held office hours for the "Introduction to Algorithms" course for over 50 students.
- Graded assignments and exams, providing constructive feedback to help students understand complex concepts.

PROJECTS

Distributed Key-Value Store

December 2024

- Built a fault-tolerant, distributed key-value store in Java using the Raft consensus algorithm.
- Implemented features such as leader election, log replication, and client request handling using gRPC for communication.

TECHNICAL SKILLS

Languages: Java, Python, C++, Go, SQL

Cloud Platforms: Google Cloud Platform (GCP), AWS

Frameworks: Spring Boot, Maven, gRPC, JUnit

Libraries and Tools: Docker, Kubernetes, Git, Jenkins, PostgreSQL, Redis, Kafka