

SHUN UEDA

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EDUCATION

Lehigh University

B.S. in Computer Science & Engineering

January 2025

Bethlehem, PA

EXPERIENCE

Apple

May 2024 – August 2024

Software Engineering Intern

Seattle, WA

- Part of a team that owns internal CI/CD services for ML models. Developed the core logic for pipeline configuration queries, improving the retrieval efficiency by 80%.
- Built a real-time system monitoring dashboard, enhancing reliability and usability for 250+ engineers.
- Selected as one of the few interns to present the work to the Senior Director.

Apple

May 2023 – August 2023

Software Engineering Intern

Seattle, WA

- Designed and implemented a CI/CD pipeline service with static analysis and testing tools, streamlining development workflows for 200+ organizational projects.
- Increased pipeline resilience by automating failure recovery, cutting manual intervention by 90%.

Oncospace

June 2022 – August 2022

Software Engineering Intern

Baltimore, MD

- Developed a high-performance DICOM data processor for real-time medical image visualization, enhancing oncologists' clinical efficiency.
- Streamlined deployment workflows using Azure DevOps, reducing deployment time by 70%.

Tech For Good Inc.

June 2021 – August 2021

Software Engineering Intern

Sharon, MA

- Designed a custom ARM64-based device for internet caching, boosting access speeds by 600% and improving rural connectivity.
- Integrated device telemetry using AWS IoT Core and MQTT, enabling efficient data integration.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, Kotlin, Scala, JavaScript, TypeScript

Frameworks & Libraries: Spring Framework (Spring Boot), Node.js, Mockito, React, gRPC

DevOps & Infrastructures: AWS, Docker, Kubernetes, Kafka, GitHub Actions, Jenkins, Terraform

Databases: SQL/NoSQL, PostgreSQL, SQLite, MongoDB, DynamoDB, Redis

Tools: Gradle, Maven, CMake, Git

Software Engineering: Agile, Software Development Life Cycle (SDLC), Object-Oriented Programming (OOP), DevOps (CI/CD), Operating Systems, Embedded Systems, Distributed Systems

Operating Systems: Linux, Unix