

# SHUN UEDA

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## EDUCATION

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### Lehigh University

B.S., Computer Science & Engineering

January 2025

Bethlehem, PA

## EXPERIENCE

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### 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 select interns recognized for outstanding contributions.

### Apple

May 2023 – August 2023

Software Engineering Intern

Seattle, WA

- Designed and implemented a CI/CD pipeline service, 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.
- 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

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**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, MySQL, 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