SHUN UEDA

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EDUCATION

Lehigh University January 2025
B.S., Computer Science & Engineering *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 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

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

Frameworks & Libraries: Spring Framework (Spring Boot), Node.js, Express, 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), Microservices, Operating Systems, Embedded Systems, Distributed Systems

Operating Systems: Linux, Unix