Shun Ueda

(203) 979-5285 | me@shu.nu | linkedin.com/in/shunueda | github.com/shunueda

Education

Lehigh University January 2025
B.S. in 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 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 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*

- Developed a Squid-based internet caching solution, increasing access speed by 600%, enhancing rural connectivity.
- Automated deployment of Raspberry Pi devices via AWS CodePipeline & CodeDeploy, simplifying system scaling.

Technical Skills

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

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

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

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

Tools: Gradle, Maven, CMake, Git

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

Operating Systems: Linux, Unix