Namjun Huh

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EXPERIENCE

DevOps Engineer
Seoul, South Korea
LG Uplus
Jan 2025 – Present
- Built an AI Datahub platform (Databricks-like) to provide data scientists and engineers with unified access to analytics and machine learning capabilities.
- Refactored queue system code for LG Uplus's membership service, improving Redis CPU usage by 10x and reducing customer queuing time by 2x.
- Manage CI/CD pipelines, infrastructure automation, and monitoring systems while building internal tooling to enhance development workflows and operational efficiency.

Software Engineering Intern (DevOps)
Seoul, South Korea
LG Uplus
Jun 2024 – Jul 2024
- Developed key features for an Internal Developer Platform, including password reset and logging functionalities, while integrating SumoLogic SaaS for improved monitoring and containerizing services for efficient deployment.
- Streamlined CI/CD processes by configuring GitHub Actions for automated code quality checks and led the migration of an EC2-based microservice to EKS, enhancing scalability and resource management.

Software Development Intern
Seongnam-si, South Korea
NAVER Corp
Jun 2023 – Aug 2023
- Developed and implemented a Dashboard and Detector to identify expansion situations more efficiently using Golang on Kubernetes environment.
- Coordinated and led team efforts to design, develop, and test the Detector, ensuring seamless integration with the monitoring system.
- Conducted performance testing and optimization for the Dashboard, resulting in a 20% reduction in system downtime and improved user experience.

PROJECTS

Let's Go Camping
Jan 2024 – Present
- Built a web application that recommends national parks based on user preferences using recommendation algorithms.
- Implemented a user-friendly interface using React and integrated it with a backend developed in Spring Boot.

Jejueo Translator
Aug 2023 – Present
- Trained and deployed a neural network model to translate Jejueo dialect to standard Korean.
- Developed a web interface using AWS Services to allow users to input Jejueo phrases and receive translations.

EDUCATION

University of Southern California
Los Angeles, CA
Bachelor of Science in Computer Science
Aug 2019 – Dec 2024
- Coursework: Intro to Embedded Systems, Intro to Internetworking, Software Engineering, Video Game Programming, Full Stack Web Development, Intro to Functional Programming, Intro to Artificial Intelligence
- Honors: USC Korea Country Scholarship

LEADERSHIP AND INVOLVEMENT

Member, CAIS++ (Center for AI in Society)
Los Angeles, California
University of Southern California, Fall 2019 Cohort
Aug 2019 – Dec 2024
- Created a Computer Vision system to identify dance styles from video footage.
- Conceptualized a Connect 4 playing Reinforcement Learning system, achieving 90% percentile on Kaggle as part of a project team.
- Built an NLP dataset for extinct Native American languages' translation into Spanish.

TECHNICAL SKILLS

Languages: C/C++, Golang, Java, Python, Scala, OCaml, SQL
Libraries and Software: Kubernetes, Jenkins, GitHub Actions, Ansible, Terraform, Redis, Datadog, AWS, Helm
Other Skills: DevOps, CI/CD Pipelines, Infrastructure Automation, Functional Programming