Minkyung (Chloe) Kim

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WORK EXPERIENCE

Backend Software Engineer   March 2019 - Present

Uber Technologies, Inc., Palo Alto, CA

- Users Team (Customer Platform)
  - Contributing to customer platform services that provide all Uber products with user data via **APIs having RPS over millions**. Migrating write endpoints from old stack, adding new features/attributes and debugging upon request.
  - Migrated write endpoints in customer platform services in old Python stack to new Go stack as deprecating old stack. Worked on entire migration steps including implementation of logics in the new stack, writing unit/integration tests, writing proxy to new stack, validation and cut-over traffic.
  - Built out metadata APIs which helped to improve scalability of customer platform service using gRPC and protobuf. Published and presented the design document, implemented and tested. Owner/PoC of the APIs.

- Data Lifecycle Management
  - Delivered a compliance-driven data lifecycle management service that replaces manual compliance workflow and brings Uber cost-efficiency of storage.

- Keytab Distribution Pipeline
  - Built a distributed system that enables launching containerized storage services securely by leveraging an open source, Kerberos.
  - Rewarded as the most significant technical impact in Data Infra org in 2020 Q2.

SKILLS

- Programming Language: Go, Java, Python, PHP, SQL, Shell Scripting
- Distributed Systems: Microservices, APIs, Abstraction, RPC, Google Protobuf, RESTful, Redis, Schemaless

EDUCATION

Masters of Information Systems Management   August 2017 - December 2018

Carnegie Mellon University, Pittsburgh, PA, United States

- Distributed Systems, Data Structures and Algorithms, NoSQL Database Management (TA), Coding Bootcamp

B.S. in Computer Science   March 2012 - February 2018

Ewha Womans University, Seoul, South Korea

- Computer Network(TA), Cloud Computing, Operating Systems, Computer Architecture, System Software
- Student President in major (2014)

AWARDS / OTHER EXPERIENCE

Minister's Award and Special Prize in K-Hackathon   2013

- Won the second place in the nationwide application development challenge organized by the Ministry of *Science, ICT & Future Planning*. Developed an android application which helps working Moms communicate with their babysitters and let families share their memories by uploading photos, posting notes, and writing comments.

Trainee developer (Univ student developer) at Samsung SDS   August 2014 - July 2016

- Trained by contributing to multiple projects and stipend supported by Samsung SDS.