

Minseok Yang (Frank Yang)

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Education

Korea University, B.S. Candidate in Computer Science Mar 2018 – present

- GPA: 4.33/4.5 (up to 5th semester)

Experience

Backend Team Lead, Xint, Theori, Inc. June 2023 – present

- Implemented initiatives to foster engineering culture, including company-wide tech sessions, feature development lifecycle and product requirements documents
- Managed product showcase booth at RSA Conference 2024, conducting live demonstrations and engaging with potential customers
- Designed and implemented backend architecture and infrastructure, including CI/CD pipeline, Intelligence Collection Modules, and Scheduler

Data Pipeline Engineer, AB180, Inc. Nov 2020 – June 2023

- Migrated Tracking Link Processor workload from Python to Rust, improving performance by **15.5 times** and reducing total event processing pipeline cost by 43%
- Maintained Real-time Data Egress Pipeline, integrating new partner ad channels and third-party data partners to the system
- Created a self-service developer tool with automated validation to aid operators in integrating new partner ad channels without external help
- Migrated Tracking Link Web Application Server workload from x86 to ARM (Graviton), increasing workload performance by 10% (ref) [🔗](#)
- Created and maintained Cloud Infrastructure Monitoring System to detect compliance violations and vulnerabilities across cloud configurations, EC2 instances, and ECR repositories
- Improved Attribution Pipeline's scalability and cluster utilization by decoupling Business Logic Processor from Kafka Consumer, reducing total event processing pipeline cost by 36% (ref) [🔗](#)

Projects

is_empty for Rust github.com/puilp0502/is_empty [🔗](#)

- Developed an open-source Rust crate implementing the IsEmpty trait and its #[derive] macro, enabling automatic emptiness check implementation for custom structs
- More than 35,000 downloads according to crates.io [🔗](#)

Contributions to linux-hid [Commit 652f3d0](https://github.com/puilp0502/linux-hid/commit/652f3d0) [🔗](#)

- Added support for Varmilo VA104M's media keys on linux by fixing USB HID descriptor
- Successfully mainlined into Linux kernel

khaiii.js github.com/puilp0502/khaiii.js [🔗](#)

- A WebAssembly port of Kakao's Korean morphological analyzer, [khaiii](#) [🔗](#)
- Used by [entryjs](#) [🔗](#) as a core part of [playentry](#) [🔗](#) platform's NLP functionality

Technical Skills

Languages: Python, Rust, TypeScript, Go, SQL, C, Java

Frameworks: FastAPI, SQLAlchemy, Alembic, Django

Infrastructure: Docker, AWS, Linux, Terraform, Github Actions