

# DO HYUN, SHIN

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## EXPERIENCE

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### EOG Resources. – Data Engineer, Houston, TX

September 2019 – Present

- Designed, developed, and maintained 10+ new software solutions using Kotlin, Python, and SQL
- Improved performance of real time monitoring application by over 50% by replacing query based data service with real time client service
- Improved development time for 10+ applications by developing GraphQL services over existing data sources
- Improved performance for 10+ applications by providing efficient SQL solutions in Oracle and MemSQL
- Developed csv generator service using real time data for data science team and field engineers
- Provided monitoring and user metrics over 5+ applications via Prometheus and APM
- Worked with Agile team over 3+ application domains

### Crypto Modern Art – Blockchain Developer, Team Leader; Seoul, South Korea

January 2018 - March 2019

- Designed, developed, and maintained decentralized applications based on Ethereum and Hyperledger Fabric
- Handled 15+ team in charge of optimizing transaction time in blockchain applications
- Setup two deployable blockchain networks on AWS server instances
- Created and reviewed 4 whitepaper documents and provided technical advice to company clients

## EDUCATION

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### The University of Texas at Austin

Master of Science in Information Technology and Management

May 2019

Coursework Includes: Cognitive Computing, Advanced Data Mining & Web Analytics, User Generated Content Analytics, Big Data & Distributed Programming, Advanced Programming & App Development  
Overall GPA: 3.42/4.0

### Hanyang University

Bachelor of Division of International Studies

June 2018

Economic/Business Track

Bachelor of Computer Science

Overall GPA: 3.76/4.50 (Cum Laude)

## ACADEMIC PROJECTS

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### Senior Project

Fall 2017

- Developed algorithm to value Premier League football teams and their players on a point basis
- Applied algorithm to current Premier League season stats and compared them with 5 years' worth of previous scores
- Engineered automated graphs in Excel utilizing algorithm to predict season outcome

## TECHNICAL SKILLS

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- **Computer Languages:** Python, SQL, Kotlin, Java, JavaScript, Go
- **Project Skills:** Hyperledger Fabric, MySQL, Oracle, MemSQL, Kubernetes, Docker, GraphQL, ZeroMQ, Pulsar, Prometheus, APM

## ADDITIONAL INFORMATION

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**Languages:** Fluent in Korean, English (TOEFL 116, TOEIC 990, GRE 318)

**Interests:** Movies, Gaming, Swimming

**Work Eligibility:** Extended eligibility to work in the U.S. due to H1B visa; will require visa sponsorship for long-term employment