

# SHIGEO KITAMURA

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## SUMMARY

Aspiring Data Scientist and Machine Learning Engineer with 2+ years of experience building scalable data pipelines, web applications, and applied machine learning models. Proficient in Python, SQL, and cloud platforms (Google Cloud, AWS), with hands-on experience in data engineering, ETL automation, and ML competitions (Kaggle). Currently completing a Data Science Diploma to deepen analytical and modeling skills. Proven ability to optimize workflows, reduce costs, and contribute to data-driven decision-making in fast-paced environments.

## TECHNICAL SKILLS

**Languages:** Python, Ruby, JavaScript, TypeScript, SQL, HQL

**Frameworks:** Rails, Node.js, React, Falcon, FastAPI, Django, PySpark

**Cloud Services:** Google Cloud (BigQuery, Cloud Run, Cloud Composer), AWS (Lambda, Athena, S3)

**Tools:** Git, Docker, Google Cloud Platform, VS Code, Redash, Tableau, Looker Studio, Apache Airflow

## WORK EXPERIENCE

### Senior Data Quality Specialist

Jun. 2025 – Present

Toronto, ON (Hybrid)

Cohere Inc.

- Explored prompts for AI to return wrong answers and identified areas for improvement.
- Checked AI-generated code for accuracy and suggested enhancements.
- Defined unnecessary parts of AI responses to streamline output.

### Full-stack Engineer

Nov. 2024 – May 2025

Tokyo, Japan (Remote)

BitStar Inc.

- Developed a web service matching influencers with companies using Ruby on Rails and React.
- Enhanced search engine performance for influencers by implementing ElasticSearch, reducing search latency by 40% and improving overall user experience and engagement metrics by 25%.
- Developed a system using LLM to suggest the perfect influencers to ask to promote customers' products.

### Data Analyst

Sep. 2024 – Aug. 2024

Tokyo, Japan (Hybrid)

Ultraimpression Inc.

- Led a team of four to ensure 100% successful delivery of stakeholder-defined requirements on schedule.
- Automated the creation of ad serving reports, reducing manual work hours by 80%.
- Visualized ad delivery performance with Tableau and Looker Studio.

### Data Engineer

Sep. 2022 – Aug. 2023

Tokyo, Japan (Hybrid)

Supership Inc.

- Built data pipelines using Apache Airflow, increasing workflow efficiency by 50%.
- Implemented Cloud Composer ETL, reducing costs 20%, data errors 35%.
- Improved security by adding unit testing to each task of DAGs.

### Full-Stack Engineer

Apr. 2019 – Mar. 2023

Tokyo, Japan (Hybrid)

Supership Inc. | Data technology company specializing in Internet advertising

- Built ad serving dashboards, boosting system efficiency by 30%.
- Migrated UI from jQuery to React and upgraded Rails, enhancing security by 60%, UX by 35%.
- Produced internal training materials, saving \$10,000 in external training costs.
- Managed internship program, hiring 30% of participants into full-time roles.

## EDUCATION

### Cornerstone International Community College of Canada

Vancouver, BC

Data Science Diploma

Sep. 2024 – May 2025

### Graduate School of Informatics, Kansai University

Osaka, Japan

Master of Informatics

Apr. 2017 – Mar. 2019

### Faculty of Informatics, Kansai University

Osaka, Japan

Bachelor of Informatics

Apr. 2013 – Mar. 2017