

# SHIGEO KITAMURA

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## SUMMARY

Experienced Data Engineer and Software Developer with over 5 years of expertise in building robust data pipelines and web applications. Proficient in Python, Ruby, and various big data technologies, with a strong background in cloud platforms, particularly Google Cloud. Demonstrates a blend of technical acumen and educational experience, having worked as a part-time lecturer. Currently expanding knowledge in Data Science, showcasing a commitment to continuous learning and adaptability in the ever-evolving tech landscape.

## TECHNICAL SKILLS

**Languages:** Python, Ruby, JavaScript, TypeScript, C/C++, SQL, HQL

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

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

**Big Data Technologies:** Snowflake, BigQuery, Hive, Databricks, Airflow, Dataproc, Cloud Composer, Dataform

## WORK EXPERIENCE

### Data Engineering Specialist

Apr. 2023 – Aug. 2024

*Supership Inc., UltraImpression Inc. | TV station-based video ad serving platform provider*

*Tokyo, Japan*

- Managed a team of four and communicated effectively with stakeholders to properly understand and implement project requirements.
- Designed, built, and maintained a robust data pipeline using Apache Airflow to improve workflow efficiency.
- Implemented ETL processes to improve data quality with Cloud Composer and reduce operational costs by 20%.
- Analyze and aggregate large data sets with BigQuery and create insightful dashboards and reports with BI tools.

### Web Developer

Apr. 2019 – Mar. 2023

*Supership Inc. | Data technology company specializing in Internet advertising*

*Tokyo, Japan*

- Collaborated with a 10-person team to develop ad-serving dashboards using Ruby on Rails, with a focus on back-end development and system functionality.
- Updated the Rails version and replaced the UI implemented in jQuery with React to improve security and UX.
- Produced training for new employees, saving approximately \$10,000 in costs of hiring an outside instructor.
- Designed an internship program for university students with 10 participants and helped recruit 3 of the participants to the company.

### Part-time Teacher

May 2017 – Mar. 2019

*Osaka City Nishi Senior Highschool | Public technical high school*

*Osaka, Japan*

- Taught high school math classes, C++ programming classes, and game development classes with 40 students.
- Held 2 game development hackathons with a university lab where 5 teams of 20 high school students competed.
- Provided guidance to students on educational and career pathways/options.

## VOLUNTEER EXPERIENCE

### ACM SIGGRAPH | Annual conference centered around computer graphics

Aug. 2018 – Aug. 2023

- Assisted with communication between approximately 20 Japanese exhibitors and local coordinators at the Emerging Technologies exhibit site, contributing to a smooth set-up and tear-down.
- Conducted information sessions on 5 university campuses, recruited student volunteers.
- Managed about 50 student volunteers as a team leader and contributed to the smooth running of the conference.

## EDUCATION

### Cornerstone International Community College of Canada

Vancouver, BC

*Data Science Diploma*

*Sep. 2024 – Present*

### 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*