Koichiro Suzuki

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DATA SCIENTIST

PROFESSIONAL SUMMARY

Data Analyst with a master's degree in the field of mathematics and physics, statistics, machine learning for providing data driven insights to diverse business stakeholders. Proficient in big data handling, engineering, effectively approaching complex business problems, developing and scaling AI models and algorithm to optimize business performance. I specialize in the application of statistical analysis, big data, data mining & processing, and machine learning to provide descriptive, predictive and prescriptive analytical solutions.

SKILLS

- Mathematics
- Statistics
- Physics
- Python, R, SQL, MATLAB
- Power BI, Tableau
- Machine-Learning
- Data analysis and modeling

- Data Design
- Data Handling
- Data Visualizations
- Data Interpretations
- Project Management Methodology
- Presentation skills
- Adaptability

WORK HISTORY

TEACHER ASSISTANT | 04/2020 to 03/2022
Masato Tamai, Ritsumeikan University - Kyoto, Japan

- Peer tutoring students with 40 low grades students.
- Worked with professors to grade assignments, tests, and other submissions.
- Oversaw students in classroom and common areas to monitor, enforce rules and support lead teacher.
- Demonstrating experiments.
- Preparation of class materials.

INTERNSHIP | 10/2018 to 03/2021
EF (Education First) - Kyoto, Japan

- In charge of organizing events for two hundred people to promote the company.
- Supported international students about their study abroad based on my experience studying abroad.
- Always trying to follow up with team members to make sure they were enjoying their jobs.
- Improved the work environment by 95% for every member on the company.
- In charge of 80% of promoting events with 90% of satisfaction for customers.

EDUCATION

Toronto School of Management | Data Analytics – Diploma (In Progress) – 04/2023

Ritsumeikan University | Mathematics – Master of Science 03/2022

Ritsumeikan University | Physics – Bachelor of Science 03/2020

VOLUNTEERING

Engineering. Ritsumeikan University. 04/2019 – 05/2019
- Assisted in shipping ICDP/DSeis drilling core from South Africa to Japan and installed Seismometers in underground mines in South Africa.

Engineering. Ritsumeikan University. 08/2019 – 09/2019
- Assistance of CCBO stress measurement, which is monitoring stress in any direction in the ground, of at Moab Khotsong gold mine, South Africa.

Researcher. Ritsumeikan University. 11/2021 – 12/2021
- Assisted analysis of DSeis rock samples at Kochi Core Center, Japan.

PUBLICATIONS

[1] Koichiro Suzuki, Hiroshi Ogasawara, Musa Manzi, Taku Noda, Ryogo Tadokoro, Raymond J. Durrheim, Lindsay Linzer. (2020)
'Reinterpretation of a legacy 3D seismic reflection data to elucidate an unusual sinistral M5.5 earthquake fault below a structurally complex deep gold mine', AGU Fall Meeting 2020

LANGUAGE

- English   Professional working proficiency
- Japanase   Native

MY WEBSITE

https://koichirosuzuki-portfolio.netlify.app/