

Yosuke Kawazoe

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Objective:

Aspiring to thrive in an international work environment, leveraging proficient data science skills and fluency in English to drive data-driven solutions and contribute to the growth and success of a global organization.

Work Experience:

Apr 2022-Current

Full-time at Nomura Research Institute, Ltd.(Tokyo, Japan)

Data Scientist

- Assisting development in Japan and North America for one of the major automobile companies.
- Created CI/CD pipeline and migrated artifacts from cloud-based repositories to internal Github for enhancing governance and efficiency of operations.
- Created data analytics infrastructure to implement our solutions on GCP, AWS, and Azure.
- Invented our own system to understand consumer characteristics from purchasing data by feature engineering and utilizing GPT models.
- Invented our own system to create merchandise tags from Twitter data by utilizing GPT models.
- During a proof of concept for an AI system, extracted data from Bigquery and conducted Exploratory Data Analysis(EDA). Based on EDA, created AI models through preprocessing such as using BERT to vectorize product names, feature engineering, and interpretable Machine learning techniques, and gave presentations to our client on a weekly basis.
- Arranged current business processes and created new business flows by utilizing an AI system for the client in the retail industry. In addition, devised the functions of an AI system and planned roadmaps for a proof of concept.
- Created demand forecasting AI model and validated models to improve its accuracy for one of the biggest retail clients.

Achievement:

- Creating solutions to understand consumer characteristics through constructing a multi-cloud data analysis environment with advanced security.
- Contributed to transforming the R&D project into an investment activity that validates its worth and creates actual solutions for real clients.
- Implemented logic and improved model's accuracy for the development of an AI system to solve customers' problems, ultimately obtaining customer approval and progressing toward system implementation.

May 2021-March 2022

Internship at Unlock Design, Ltd.(Tokyo, Japan)

Recruiter

- Assist candidates from abroad to get suitable jobs mainly in IT field in Japan by utilizing my knowledge of Internet Technology and English skills.

Achievement:

- Assist over 60 non-Japanese candidates.

August 2021-November 2021

Internship at Key to Metal AG(Belgrade, Serbia)

Machine learning engineer

- Implemented the state-of-the-art deep learning model “Tabnet” whose accuracy surpasses the benchmark of Google AI Platform.
- Created GUI for letting non-programmers conduct Kennard-Stone.

Achievement:

- Created the state of the art deep learning model whose accuracy has surpassed the benchmark of Google AI Platform with parameter tuning.
- Created GUI with Tkinter to let other non-programmers execute Kennard-stone.
- At the end of the on-site internship, got the job offer as an intern by working remotely with 4000 yen per hour which is more than three times as high as the average salary in Japan due to my higher performance.

August 2020-September 2020

Internship at **Goen Consulting Pvt. Ltd.** (Gurugram, India)

Sales

- Targeted potential clients and negotiated directly with new potential customers as a salesman and tried to solve their potential problems by advertising their business to Japanese expats in India.

Achievement:

- Sold three advertising spaces to three customers overall for five days.

Education:

April 2020 – April 2022

Tokyo Metropolitan University, Japan

Master of Geographic Information Science (Science)

- Wrote master thesis called「A quantitative study for capturing the town’s atmosphere by utilizing Convolutional Neural Network: A case study of Shimokitazawa」

Apr 2015 – Mar 2020

Tokyo Metropolitan University, Japan

Bachelor of Geographic Information Science (Science)

Qualifications:

- Google Cloud Professional Machine Learning Engineer(2024)
- JDLA Deep Learning for ENGINEER(2024)
- Google Cloud Professional Data Engineer(2023)
- Applied Information Technology Engineer Examination (2023)
- Google Cloud Associate Cloud Engineer (2023)
- Japan Statistical Society Certificate Grade 2 (2021)
- TOEIC 935 (2021)
- JDLA Deep Learning for GENERAL (2020)
- IELTS Academic overall 6.5 (Listening 6.0, Reading 6.0, Speaking 7.5, Writing 5.5) (2020)

Technical Skills:

- Microsoft Office: Word, Excel, PowerPoint
- Skills: Machine learning, Deep learning, Machine Learning, Big data Analysis, Prompt Engineering, Statistical Analysis, Geographic Information System, LLM, Natural Language Processing, Image Recognition, Data engineering, Cloud Infrastructure, CI/CD
- Programming: R, Python, SQL, Java
- Frameworks: Pytorch, Tensorflow, scikit-learn, Keras, openAI, LangChain, Hugging Face, Pandas, numpy, matplotlib, Tkinter, Spring Framework, and so on.
- BI tools: Looker studio
- Cloud: Google Cloud, AWS, Azure
- OS: Windows, Linux, Ubuntu
- Container: Docker

Personal Profile Statement:

- Cultural Open-Mindedness: Possesses a strong open-mindedness and adaptability to diverse cultures, fostering an inclusive and collaborative work environment. Demonstrated ability to effectively communicate and engage with individuals from varying cultural backgrounds.
- Analytical Acumen: Proficient in applying analytical skills to dissect complex problems and derive valuable insights. Adept at interpreting data and making data-driven decisions, contributing to improved processes and outcomes.
- Tenacious Work Ethic: Known for a resilient and dedicated work ethic, approaching every task with determination and a solution-oriented mindset. Consistently embraces challenges and delivers high-quality results even in demanding and dynamic situations.