KOJI SUDO

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Through data analysis, RPA tool development, and constructing machine learning models, I have addressed clients' challenges at consulting firms like Deloitte and IBM Japan. Additionally, I possess knowledge in mathematics and share computer science information on YouTube. Currently, I am pursuing a Master of Computer Science at University of Southern California.

PROFESSIONAL EXPERIENCE

DELOITTE TOHMATSU CONSULTING LLC., Tokyo, Japan   2022 - 2024
Senior Consultant, AI & Data Division

- Designed the system migration for the Tokyo Metropolitan Government, which eliminated the transition downtime and prevented a potential loss of over 1.2 million dollars.
- Planned and operated an internship program, letting students experience data scientists.
- Managed a 250+ stakeholder project, ensuring timely completion by overseeing challenges.

IBM JAPAN CO., LTD., Tokyo, Japan   2020 - 2022
Consultant, Procurement & Finance Division

- Enhanced client operations using data analysis and machine learning as follows.
  - Analyzed expenditure, found cost-effective suppliers, and reduced expenditure by 14%.
  - Constructed a decision tree learning using scikit-learn to classify client tasks. Depending on the results, selected the optimal tool and reduced task hours by 32%.
- Led the proposal project for a business process visualization tool, securing client agreement.
- Executed a feasibility study for a system and developed a VBA to automatically calculate ROI, reducing consultant hours by 92%, and earned organizational accolades and bonuses.

MEIWA CORPORATION, Tokyo, Japan   2019 - 2020
Sales Associate, Flame retardants department

- Oversaw the Thai branch, addressed challenges, and increased sales by 12%
- Developed a VBA that automatically calculates monthly sales performance, reducing calculation hours by 68%.

EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES, CA, USA   2024 - present
*Master of Computer Science (*GPA TBD)

TOKYO UNIVERSITY OF SCIENCE, Tokyo, Japan   2015 - 2019
*Bachelor of Engineering (*GPA 3.88)

PROJECT

Created a YouTube channel that provides computer science information and education in 2021. Since that time, it has amassed over 5 million views and has in excess of 70,000 subscribers.

Created a comprehensive web application using Ruby on Rails that highlights popular tourist spots for foreigners visiting Japan.

QUALIFICATIONS

- Programing/Frameworks: Python, Pandas, scikit-learn, Ruby, JavaScript, jQuery, VBA
- Database: SQL
- Mathematics: Statistics, Calculus, Linear Algebra