Taufik Muhamad Yusup

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Education

Korea Advanced Institute of Science and Technology (KAIST) — Daejeon, South Korea
Bachelor of Science in Computer Science. — March 2021 – June 2025 (Expected)
Double Major in Business and Technology Management and Minor in Science and Technology Policy.

- **Relevant Coursework:** Data Science, Deep Learning, Econometrics, Microeconomics, Business Strategy, Financial Management.
- **Scholarships & Awards:** 2024 KAIST College of Engineering Leadership Award, 2024 Daejeon Startup Pitching Competition Top Prize Award, 2023 KAIST Global Leadership Award, 2023 Lee & Won Asian Fellowship, 2023 and 2022 Daewoong Global Scholarship Program, 2020 Global Korea Scholarship (GKS) for Undergraduate Degree.

Work Experience

LTS, Inc. — Tokyo, Japan
Data Analytics and Consulting Intern — December 2024 – February 2025

- Redesigned gas adjustment workflows, reducing manual effort and enabling smoother operations for junior staff.
- Built a React-based prototype that improved efficiency and helped streamline client operations through data-driven insights.
- Conducted process mapping and analysis, identifying key inefficiencies and recommending strategic improvements.

Schoters — Remote
Educational Consultant — November 2022 – January 2025

- Mentored 30+ students in university admissions and scholarships, with several securing spots at top institutions in Canada, China, Japan, Korea, and Australia.
- Optimized application strategies, refining essays and interview preparation to strengthen students' admissions prospects.

Daewoong Pharmaceutical — Seoul, South Korea
Product Development Intern — September 2023 – December 2023

- Executed competitive benchmarking to provide data-backed UX/UI recommendations for a telemedicine app.
- Assisted in market entry strategy development for Indonesia, aligning business objectives with local consumer behavior.
- Translated 8,000+ data points to enhance app accessibility and improve international user adoption.

Leadership and Activities

KAIST Office of Global Initiatives — California, United States
Global Entrepreneurship Summer School Program 2024 Student Fellow — March 2024 – June 2024

- Co-founded Samudra, an AI-based virtual sign language interpreter, achieving 86% accuracy in real-time translation.
- Won 1st place in the pitching contest conducted at KAIST, securing an opportunity to present in Silicon Valley.

KAIST International Students Association (KISA) — Daejeon, South Korea
Head of Communication of the Events Division — March 2021 – March 2023

- Organized 10+ cultural and networking events, including the International Food Festival, attended by 300+ students.
- Acted as a liaison between the Events Division and other student organizations, improving cross-cultural engagement.

Harvard Project for Asian and International Relations — Massachusetts, United States
Harvard Conference 2023 Delegate — February 2023

- Selected among thousands of global applicants to attend a conference discussing climate change, business, and human rights.
- Collaborated in an 8-member team for a Deloitte Impact Challenge, formulating a business strategy for a rising social media firm.

Indonesian Students Association in South Korea — South Korea
Project Leader — November 2020 – November 2021

- Led a team of 15 in transitioning the *Korean Scholarship Clinic (KS-CLINIC)* from a paid to a free scholarship mentoring program.
- Spearheaded the selection of 80 diverse participants from 892 applicants across 19 Indonesian provinces, ensuring diversity.
- Achieved notable success with four participants securing the Global Korea Scholarship for Undergraduate Degree in 2022.

Skills and Interests

Programming Languages: Python, R, SQL, MATLAB.
Framework/Libraries: PyTorch, TensorFlow, Keras, Scikit-Learn, Pandas, Numpy, SciPy, Matplotlib, dplyr, tidyr, ggplot2.
Tools/Software: Git, Figma, Microsoft Office, Canva, Adobe Creative Suite, Linux, Docker, Jupyter.
Languages: Indonesian and Sundanese (native), English (fluent), Korean (intermediate – TOPIK II Level 5), Chinese (basic).
Interests: Computational Sustainability, Policy and Management, Data Science, Climate Change, Startups and Venture Capital.