

Taufik Muhamad Yusup

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Education

Delft University of Technology (TU Delft)

Master of Science in Engineering and Policy Analysis.

Delft, Netherlands
September 2025 – Present

- **Relevant Coursework:** Programming for Data Science, Policy Analysis for International Challenges.

Korea Advanced Institute of Science and Technology (KAIST)

Bachelor of Science in Computer Science.

Daejeon, South Korea
March 2021 – August 2025

Double Major in Business and Technology Management and Minor in Science and Technology Policy.

- **Relevant Coursework:** Deep Learning, Data Science Methodology, Econometrics, Microeconomics, Business Strategy, Technology Management, Statistics for Business Analysis, Financial Management, Marketing.

Work Experience

Microsoft

Amsterdam, Netherlands

Cloud and AI Specialist Intern

February 2026 – July 2026

- Drove enterprise AI agent adoption across Microsoft Netherlands under a Customer Zero initiative, co-creating a gamified weekly campaign spotlighting 5 agents that lifted weekly usage from ~40% to ~60% and earned recognition at the NL Together all-hands.
- Automated partner-attach and CAF opportunity tracking across 13 sales territories using Microsoft Power Platform, replacing a manual weekly report with automated notifications that flagged opportunities missing a partner or nomination.
- Partnered with the executive office to debug and restore a production AI agent (NOVA), resolving blocking issues to return it to a functional, deployment-ready state.
- Researched how sovereign cloud and governance mindsets shape enterprise AI and cloud adoption, turning findings into strategic insights for go-to-market decisions.

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+ rows of app content from Korean to English, boosting the Wellcheck App's global usability and accessibility.

Research Experience

MetaEarth Lab

Daejeon, South Korea

Undergraduate Researcher (PI: Professor Hyungjun Kim)

March 2024 – July 2025

- Conducted a research project exploring deep learning models to reconstruct paleo-precipitation data using the 20th Century Reanalysis dataset and proxy records from the ISO2K database.
- Improved precipitation reconstruction accuracy, increasing Pearson correlation from 0.183 to 0.356 and coefficient of determination (R^2) from 0.023 to 0.267.

Center for Anthropocene Studies

Daejeon, South Korea

Undergraduate Researcher (PI: Professor Dasom Lee)

October 2023 – January 2024

- Developed a research project, *Posh Protesters: Cultural Capital and Pro-environmental Political Action Participation*.
- Cleaned and analyzed large survey datasets with hundreds of data points across multiple variables for accuracy and reliability.
- Performed regression analysis to assess the influence of socio-economic status on environmental activism.

Leadership and Activities

United Nations Office for Sustainable Development Goals (UNOSD)

Seoul, South Korea

Youth Summer Camp 2024 Student Fellow

August 2024

- Collaborated with international peers in a week-long program focused on addressing the global plastic pollution crisis.
- Proposed a project to reduce plastic waste through community engagement and policy reform.

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 Undergraduate Association

Daejeon, South Korea

Head of International Affairs

March 2023 – August 2023

- Initiated English translation of major campus events, boosting inclusivity for international students.
- Conducted detailed analyses of global grading systems to facilitate easier GPA conversions.

KAIST Indonesian Students Association (KAIST-INA)

Daejeon, South Korea

Supervisory Board

March 2021 – July 2023

- Elevated to the Supervisory Board in Spring 2023, overseeing internal operations and ensuring organizational effectiveness.
- Managed Treasurer duties (Fall – Winter 2022), securing funds from the International Office and achieving financial goals.

Association of Pacific Rim Universities (APRU)

Remote

SDG Education for Global Citizenship Student Fellow

November 2022 – March 2023

- Engaged in focused discussions, developing solutions to address mental health challenges faced by college students.
- Co-developed *WeVolve*, a mental health app to build routines, assess wellness, and alert counseling centers to students in need.

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.

Common Purpose

Leeds, United Kingdom

Leeds KAIST International Leadership Program 2022 Student Fellow

July 2022

- Selected as one of 14 KAIST representatives to address UN SDG 11, creating strategies for resilient and inclusive cities.
- Conceptualized "*The Pit Stop*" – a mobile non-profit community center designed to mitigate the impacts of poverty.

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.

Young Southeast Asian Leaders Initiative (YSEALI)

Phnom Penh, Cambodia

STEM Education Workshop 2018 Fellow

February 2018 – March 2018

- Selected as one of Indonesia's representatives and the youngest participant for the fully-funded YSEALI STEM Education Workshop held by the US Embassy in Cambodia, focused on addressing the STEM education gap in Southeast Asia.

Scholarships and Awards

Justus & Louise van Effen Excellence Scholarship

September 2025 – Present

Awarded one of TU Delft's most competitive scholarships as 1 of 2 international students selected in the Faculty of Technology, Policy, and Management (TPM). The award covers tuition and living support totaling ≈ 72,000 EUR.

Global Korea Scholarship for Undergraduate Degree 2020

March 2020 – February 2025

Selected as 1 of 5 students from Indonesia through the Korean Embassy track, fully covering tuition, stipend, airfare, and insurance to pursue an undergraduate degree in South Korea totaling ≈ 65,000 EUR.

KAIST College of Engineering Leadership Award

October 2024

Recognized by the College of Engineering for outstanding extracurricular achievements based on departmental recommendation.

Top Prize Pitching Competition Daejeon Startup Education Program 2024

September 2024

Awarded top prize for our startup, *Empatics*, which developed an innovative healthcare robotics solution.

Lee & Won Asian Fellowship 2023

February 2023 – December 2023

Awarded as 1 of 20 top international students in Korea, including a monthly stipend totaling $\approx 2,500$ EUR and leadership training.

Daewoong Global Scholarship Program

June 2022 – December 2023

Received financial support and internships for hands-on industry experience totaling $\approx 4,200$ EUR.

KAIST Global Leadership Award

February 2023

Received an annual leadership award in the challenge category as the only international student, embodying KAIST's core values.

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.