Taufik Muhamad Yusup

Daejeon, South Korea • +82 10-4802-2705 • LinkedIn • taufikmuhamadyusup@gmail.com • taufik-my.github.io

Education

Korea Advanced Institute of Science and Technology (KAIST) Daejeon, South Korea
Computer Science and Business & Technology Management (double major), Science & Technology Policy (minor). March 2021 – Present
Coursework: Data Science, Machine Learning for Computer Vision, Venture Formation Practice, Econometrics, AI, Big Data, and Society.
Scholarships & Awards: 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

MetaEarth Lab Daejeon, South Korea
Undergraduate Researcher March 2024 – Present
- Work on AI-driven reconstruction of historical precipitation patterns to improve accuracy in climatology research.

Schoters Remote
Educational Consultant November 2022 – Present
- Mentor 20+ students for international study programs, leading to successful scholarship and admission results.
- Optimize application essays for clarity and impact, significantly boosting students' chances for higher education opportunities.

Center for Anthropocene Studies Daejeon, South Korea
Undergraduate Research Assistant October 2023 – January 2024
- Developed a research project titled "Posh Protesters: Cultural Capital and Pro-environmental Political Action Participation", focusing on the intersection of socio-economic status and environmental activism.
- Conducted regression analysis to explore the relationship between cultural capital and engagement in environmental activism.

Daewoong Foundation Seoul, South Korea
Product Development Intern September 2023 – December 2023
- Executed comprehensive benchmarking of a telemedicine app, contributing to UI/UX enhancements for the Nulook App.
- Assisted in strategy development for the Indonesian market to enhance Nulook App's penetration and relevance.

Projects

HR Analytics: Predicting Employee Turnover at Salifort Motors | GitHub Link March 2024
- Developed a predictive model to forecast employee turnover, achieving up to 96.2% accuracy with advanced machine learning techniques (Decision Trees, Random Forest).

Deciphering Truth: Analyzing KAIST Students' Disinformation Identification | Presentation Link December 2023
- Conducted a detailed survey with 81 KAIST students to assess their ability to identify disinformation, leveraging regression analysis and statistical methods to evaluate factors influencing their discernment capabilities.

Leadership & Activities

Harvard Project for Asian and International Relations: Harvard Conference 2023 Massachusetts, United States
Delegate February 2023
- Collaborated in an 8-member team for a Deloitte Impact Challenge, developing strategies for Carousel, a rising social media firm.
- Successfully raised $1,650 through crowdfunding to facilitate attendance at the conference.

Leeds KAIST International Leadership Program 2022 Leeds, United Kingdom
KAIST Representative July 2022
- Distinguished as one of 14 KAIST representatives, comprising 12 Korean and two international students.
- 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.
- Achieved notable success with four participants securing the Global Korea Scholarship for Undergraduate Degree in 2022.

Skills

Programming Languages: Python (Pandas, NumPy, scikit-learn), HTML, CSS, R (dplyr, tidyr, ggplot2), SQL.
Analysis Techniques: Regression, Naive Bayes, Decision Trees, Random Forest, XGBoost, Hypothesis Testing, A/B Testing.
Tools: Git, Figma, Microsoft Office, Canva, Adobe Creative Suite.
Languages: Indonesian and Sundanese (native), English (full professional proficiency), Korean (TOPIK II level 5), Chinese (beginner).