

Mizana Hanafillah

mizanahanaf@gmail.com | +62 8983149033 | https://id.linkedin.com/in/mizana-hanafillah |
Taoyuan, Taiwan | Date of Birth: 3rd of February 2001

Industrial Engineering graduate and current Master's student at Yuan Ze University with hands-on experience in process improvement, structured documentation, risk tracking, and quantitative analysis across research and industry settings. Academic and professional work has centered on improving workflows, building standardized systems, and supporting data-based decisions through tools such as SAP, Visio, STATA, SPSS, Minitab, and Excel. Current research in the Green Ergonomics Laboratory strengthens a practical understanding of human factors, work-system design, and continuous improvement, while prior governance experience demonstrates discipline in documentation control, cross-functional coordination, and execution in structured environments.

EDUCATION

Master of Science, Yuan Ze University - Taoyuan, Taiwan

Industrial Engineering and Management Department ***Feb 2026 – Present***

- First Semester Master's Student
- Research Assistant in the Green Ergonomics Laboratory, focusing on human factors, work system design, and sustainable process improvement
- Currently involved in a manuscript editing and research activities, strengthening my technical writing and documentation skills

Bachelor of Engineering, Sebelas Maret University (UNS) – Surakarta, Indonesia

Industrial Engineering ***July 2019 – Sept 2023***

- Graduated with honors, GPA 3.57 out of 4.00
- Thesis: "Development of an Electric Motorcycle Adoption Model in Indonesia by Considering Knowledge, Travel Behavior, Costs, and Infrastructure Availability," using Multinomial Logit Modeling with STATA, SPSS, and Minitab for survey-based data analysis
- Paper Presenter, International Conference on Science and Engineering (ICSE), UIN Sunan Kalijaga, Yogyakarta, Indonesia, 2023
- 1st Place Winner, National Industrial Engineering Business Competition Vol. 3, 2022
- Head of Media and Information Division, Industrial Engineering Student Association, 2022
- Ranked among the top three GPAs in the 5th semester (3.88)
- Research and Laboratory Assistant, Logistics and Business Systems Laboratory, 4th–7th semesters; coursework included industrial and organizational management, supply chain management, strategic management, financial management, industrial economics, marketing, and entrepreneurship
- Entrepreneurship Intern, Agency for the Assessment and Application of Technology (BPPT), 2021
- Staff of Creative Design and Communication, IEOM Society International, 2021
- Volunteer, Semarak Inspirasi UNS, 2019
- Capstone design team project: developed a well-organized tool storage area design using Autodesk Inventor and prepared the corresponding Standard Operating Procedure for CV Mella Kreasi

RELEVANT WORKING AND INTERNSHIP HISTORY

Business Process and Governance Staff | PT. Citius Solusi Indonesia (South Jakarta) ***Nov 2023 – Nov 2024***

- Developed company-wide Standard Operating Procedures (SOPs) and business flowcharts across eight departments to standardize processes and improve workflow clarity
- Defined job descriptions and Key Performance Indicators (KPIs) for more than 35 positions to align roles, responsibilities, and performance measurement with business objectives
- Managed document control in accordance with ISO 9001:2015 and ISO 45001:2018, including quality checklists, OKRs, and governance documents
- Redesigned business reporting templates and organizational charts as part of internal system development initiatives
- Supported governance improvement through a Health and Safety Supplier Assessment, achieving a score of 3.1/4.0
- Built an Excel-based risk management system to track risks, mitigation plans, and follow-up actions
- Prepared customer satisfaction surveys, presentation materials, and user manuals to support standardized communication and documentation

Laboratory Assistant | Logistics and Business Systems Laboratory UNS ***July 2021 – July 2023***

- Participated in the Silent Genset market research project with industry partner PT Batex Energi Mandiri Indonesia
- Member of a research group on "Diffusion of Technology for Adopting Electric Motorcycles in Indonesia," with results presented at ICSE 2023
- Developed practicum modules on Segmentation, Targeting, and Positioning; Marketing Mix; Job Design; Cost of Goods Production; and Investment Feasibility Analysis, strengthening structured documentation and instructional design skills

Internship | Assessment and Application of Technology (BPPT) Indonesia ***August 2021 – December 2021***

- Developed business model canvases, business plans, pitch materials, validation reports, and supporting analyses
- Designed a startup concept covering the executive summary, business description, market analysis, marketing strategy, organizational structure, and financial planning
- Created marketing content and copywriting for PT Algaepark Indonesia, a tenant under BIT BPPT, as part of a project assignment

GRANTS AND AWARDS

Paper Presenter and Author | International Conference on Science and Engineering ***August 2023***

- International Conference on Science and Engineering (ICSE) at UIN Sunan Kalijaga, Yogyakarta with the title "Exploring the Adoption of Electric Motorcycle Based on Habits, Knowledge, Costs, and Infrastructure in Indonesia" that published in Engineering Headway Journal Vol. 6 - Trans Tech Publications Ltd, Switzerland on Scientific.Net at April 2024

Research Grant | Diffusion of Technology for Adopting Electric Motorcycles in Indonesia ***Jan-August 2023***

1st Winner | Industrial Engineering Businesses Competition Vol. 3 ***April 2022***

- National Business Plan Competition with 50+ teams participated
- Develop the business idea, business plan, and prototype for "Asri Kebun", a Platform For Environmental Care based on application and website

Copyright Holder of Scientific Works | Ministry of Law of the Republic of Indonesia ***Nov 2016***

- Created a scientific work titled "Banana Leaf Innovation Anti-Dandruff Shampoo"

SKILLS AND QUALIFICATION

- Data and Statistical Analysis (STATA, Minitab, SPSS)
- 3D Design (Autodesk Inventor)
- Process Mapping (Ms Visio)
- ERP Systems (SAP)
- English (TOEFL ITP 520)
- Public Speaking and Presentation
- Basic Programming (Python, R)
- Market Research, particularly in electric vehicle consumer behavior in Indonesia
- Visual Communication (Filmora, CorelDRAW, Canva)
- Business Development (Certified by Udemy Online Course)
- ISO 9001:2015 (Certified by National Standardization Agency of Indonesia)
- Entrepreneurship (Certified by Assessment and Application of Technology Indonesia)