JUSTIN NASHWAN LIMANSUBROTO

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SUMMARY

Computer Science graduate from Universitas Gadjah Mada with hands-on experience in workflow automation, process improvement, AI quality testing, and project management across banking (HSBC) and consulting (KPMG, Atreus Global). Led a 5-person team at HSBC on a low-code Power Automate workflow now used across HSBC Indonesia (about 60% less HR handle time per employee), found 30% of an in-house LLM tool's legal-article mappings incorrect at KPMG before client pitches, and moved a 10-person recruitment team onto an applicant tracking system projected to save 275 hours a month.

EDUCATION

UNIVERSITAS GADJAH MADA (UGM) *Yogyakarta, Indonesia*
B.Sc., Majoring in Computer Science *Aug 2022 - Aug 2026*

- Cum Laude, GPA 3.54/4.00
- Coursework: Machine Learning, Probability and Stochastic Processes, Database Systems, Cryptography and Information Security, Software Engineering

THE UNIVERSITY OF EDINBURGH *Edinburgh, Scotland*
Indonesian International Student Mobility Awards (IISMA) Exchange Program *Sep 2024 - Dec 2024*

- Coursework: Development, Inequality and Trade, Sustainable Development, Scottish Studies

WORK EXPERIENCE

KPMG *Jakarta, Indonesia*
Management Consultant Intern *Apr 2026 - Present*

Working on the Strategy and Governance team across cybersecurity and personal data protection client engagements.

- Ran AI quality testing on KPMG's in-house LLM tool for compliance gap assessments before it was pitched to 2 prospective clients, finding 23 of 76 legal-article mappings (30%) incorrect and 2 fabricated without being flagged in either report.
- Designed an evaluation rubric (Good, Partial, or Baseless, with a separate hallucination flag) and applied it to 179 report items across 4 sections, enabling fixes to both error types.
- Researched Indonesia's data protection law (UU PDP) and its new implementing regulation (PP 33/2026), and designed the content and slides for 7 client proposals, 3 of which led to engagements with financial services clients.
- Supported incident response for a banking client's Google Cloud environment as part of a 5-person team, setting up 15 Cloud Monitoring alert policies and audit logging.

Tools: Microsoft Excel, PowerPoint, Google Cloud Platform, Cloud Monitoring | **Methods:** AI Quality Testing, LLM Output Evaluation, Regulatory Research, Risk Identification and Mitigation

HSBC *Jakarta, Indonesia*
Innovation and Transformation Intern *Jan 2026 - Apr 2026*

Worked on automation tools for HSBC Indonesia banking divisions and co-managed SparX, an internal cross-divisional platform, leading weekly meetings and assigning work for 30+ interns and full-time employees.

- Led a 5-person team of interns and full-time staff for about 3 months, working with HR, Operations, and IT, to replace manual SharePoint tracking and reminder emails with an automated certification renewal system now used across HSBC Indonesia.
- Designed the system's low-code Power Automate flow and the SOP HR follows to run it, with reminders from 6 months before expiry, a reset on completion, and every step logged for audit. This cut HR's handle time from about 5 to 2 minutes per employee and tracked about 70 employees across divisions in the first week.
- Led a team of 4 to rebuild the VBA fraud screening tool for BI-FAST (Bank Indonesia's interbank transfer system), from writing the PRD to debugging. Ran a 1-week trial of the rebuilt tool, in which exact name matching against registered client entities cut daily Fraud Risk flags from 4 or 5 to 1 or 2.

Tools: VBA, Power Automate, SharePoint, Jira, Confluence | **Methods:** Project Management, Process Improvement, Low-Code Workflow Automation, Cross-Functional Stakeholder Management

ATREUS GLOBAL *Jakarta, Indonesia*
SAP Consultant Intern *Feb 2025 - May 2025*

- Led a 3-person team of interns and full-time staff to replace a 10-person recruitment team's Excel tracking with OpenCATS, an open-source applicant tracking system, cutting the time to find and contact each candidate from 5 minutes to 2 across roughly 250 a day. Projected to save 275 hours monthly.
- Migrated 500+ consultant candidate records into the new system using SQL, fixing migration errors before deployment, and wrote the recruitment team's SOP for OpenCATS.
- Supported SAP Basis for a multinational FMCG client over 3 months, monitoring system health daily, troubleshooting configuration issues, and documenting the monitoring procedures.

Tools: OpenCATS, SAP, MySQL | **Methods:** Backend Testing, Database Management, Data Migration, Process Documentation

PROJECTS

PRIVACY NOTICE REVIEWER *Jul 2026 - Aug 2026*

Independent AI Engineering Project *github.com/cheeseburg3h/privacy-notice-reviewer*

- Built an AI decision-support pipeline that reviews company privacy notices against 21 requirements drawn from Indonesia's data protection law (UU PDP) and outputs cited findings for human review.
- Added a hallucination guard that requires a source citation for every finding and marks missing evidence as "Not Evidenced in Notice" instead of assuming non-compliance.

Tech Stack: Python, FastAPI, Qdrant

ALPHA SURFACE RESEARCH DESIGN *Jul 2026*

Independent Quantitative Research *github.com/cheeseburg3h/alpha-surface-research-design*

- Designed a preregistered hypothesis test of whether holding each of 10 stock, bond, and commodity ETFs only during positive 12-month trends beat an always-invested portfolio of the same ETFs by at least 0.25 Sharpe.
- Exposed overfitting via a sealed 2022 to 2025 holdout (1,003 trading days) opened exactly once, as the strategy's Sharpe ratio fell from 1.01 in development to 0.13 on unseen data.
- Validated the pipeline against lookahead bias with 50 automated tests, including injected future-data leaks, before reporting that the strategy missed the margin.

Tech Stack: Python

INDONESIAN BANK CREDIT PANEL ETL *Apr 2026*

Freelance Project

- Automated loan and non-performing loan (NPL) data extraction from banking statistics published by Indonesia's Financial Services Authority (OJK) for a banking client, replacing manual Excel updates with a Python pipeline that fills 234 sector-month rows across 14 loan and NPL measures, split by bank size tier and ownership type.

Tech Stack: Python, Google Colab

CNN-LSTM-ATTENTION MALWARE CLASSIFIER *Jul 2025 - Apr 2026*

Undergraduate Thesis *github.com/cheeseburg3h/malware-cnn-lstm-attention*

- Built a CNN-LSTM-Attention malware classifier in TensorFlow on the EMBER 2018 dataset, reaching 92.3% accuracy and 0.978 ROC-AUC on 200,000 held-out samples.
- Identified the LSTM layer as the main driver of performance via a 3-model ablation, lifting accuracy from 69.6% with the CNN alone to over 92%.

Tech Stack: Python, TensorFlow

ME UGM 18 WEBSITE *Feb 2024 - Apr 2024*

Freelance Front-End Developer *web-me-ugm-18.vercel.app*

- Built and deployed the ME UGM 18 event website in React, handling registration and announcements for 500+ users.
- Integrated Contentful as a headless CMS, giving the organizing committee direct control over the site's content.

Tech Stack: JavaScript, React, Contentful, Vercel

ORGANIZATION EXPERIENCE

ORGANISASI MAHASISWA AHLI TEKNOLOGI INFORMASI (OMAHTI UGM) *Yogyakarta, Indonesia*

Member of Cyber Security Division *Oct 2022 - Aug 2024*

- Led an internal Git and GitHub training session to onboard new members and standardize version control practice across technical divisions.

ADDITIONAL

Awards: IISMA Scholarship Awardee, Ministry of Education, Culture, Research, and Technology (2024)

Certificates: Foundations of Cybersecurity (Google, 2025), Fundamentals of Quantitative Modeling (Wharton, 2025), Understanding Financial Markets (University of Geneva, 2025), Cloud Practitioner Essentials (Dicoding, 2023)

Languages: Indonesian (Native), English (IELTS 7.0)

Technical Skills: SQL, MySQL, VBA, Power Automate, Power BI, Tableau, Microsoft Office (Excel, Word, PowerPoint), SharePoint, Python, JavaScript, Jira, Confluence, Git, Google Cloud Platform, SAP, FastAPI, React, Qdrant, Docker, C++, PHP