HARITS RAHARJO SETIONO

INFORMATION SYSTEMS • DATA ANALYTICS • AI / MACHINE LEARNING • RESEARCH

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PROFESSIONAL SUMMARY

Information Systems graduate candidate with hands-on experience in data analytics, AI/NLP research, academic publication systems, software development, community technology deployment, and research commercialization. Strong stakeholder-facing experience as a faculty liaison across university projects, with day-to-day coordination involving dozens of faculty members and communications/logistics for events involving hundreds of faculty participants. Available to start immediately; open to full-time roles and 3-6 month internships before formal graduation in December 2026.

PROFESSIONAL & RESEARCH EXPERIENCE

IT & Publication Support Assistant *Sep 2025 - Present*

Lembaga Pengabdian kepada Masyarakat, Universitas Gunadarma | Depok, Indonesia

- Serve as a primary faculty liaison across university projects, providing guidance, answering project questions, coordinating deliverables, and resolving operational issues for dozens of faculty members; support communications and event logistics involving hundreds of faculty participants.
- Manage Open Journal Systems (OJS) publication workflows, user administration, submission support, and technical troubleshooting for institutional research output.
- Support community-service and information-system projects with external partners, including a KiosDarma POS implementation for Ayam Bakar Solo and an ABCD-based teacher human-resource development project with Sekolah Pendidikan GHAMA.
- Support project administration, documentation, procurement coordination, event preparation, and digital-transformation initiatives across LPM programs.

Research Assistant *Sep 2025 - Dec 2025*

Kemdiktisaintek Hiliriset 2025 - Gunadarma Representative | Indonesia

- Selected as a Gunadarma University student representative for the national "Dorongan Teknologi" program supporting faculty-led research commercialization and technology downstreaming.
- Coordinated stakeholder meetings, documentation, field-visit records, follow-up activities, and project events involving faculty, industry partners, subject-matter experts, and other stakeholders.
- Served as Master of Ceremonies (MC) for project meetings and events, facilitating discussions and multidisciplinary coordination.

Web Development Intern *Feb 2025 - Apr 2025*

Harmoni Integra | Remote / Depok, Indonesia

- Rebuilt the company's public-facing website after the previous site was taken offline, developing and delivering a replacement based on business requirements while collaborating directly with company representatives.

RESEARCH & TECHNICAL PROJECTS

Indonesian Transformer LLM Scaling Study - Undergraduate Thesis | *Python, PyTorch, Hugging Face, NLP, NVIDIA DGX A100, Indo4B-HF*

- Trained decoder-only Indonesian Transformer models from scratch at approximately 75M and 750M parameters, processing ~349M and ~1.81B training tokens respectively with a custom 32K Byte-Level BPE tokenizer.
- Built a reproducible training and evaluation pipeline and analyzed model-scale, generation-quality, and computational-cost trade-offs; final training losses were 5.62 and 5.58, with ~23.3 and ~137.8 GPU-hours respectively.
- Used local RTX 4070 SUPER development and NVIDIA DGX A100 infrastructure; the thesis explicitly distinguishes training metrics from held-out evaluation limitations.

KiosDarma - Point-of-Sale & Digital Management System | *Information Systems, Full-Stack Development, Deployment*

- Built the application end-to-end across frontend, backend, database, deployment, testing, and documentation, then supported real-world implementation in a university community-service program for Ayam Bakar Solo in Depok.
- Named co-creator on Indonesian Copyright Registration No. 001103335; copyright is held by Universitas Gunadarma.

Retail Sales EDA & Business Dashboard | *Python, Pandas, Matplotlib, Seaborn, Power BI, Google Colab*

- Analyzed 9,994 transactions, identified Technology as ~36% of sales and a negative discount-profit relationship, and produced a Power BI dashboard with business recommendations.

Customer Data Cleaning & RFM Analysis - UCI Online Retail | *Python, Pandas, NumPy, Seaborn*

- Processed 541,909 e-commerce records, removed 135,080+ null records and invalid transactions, and performed Recency, Frequency, Monetary (RFM) segmentation across 38 countries.

GEMA - Real-Time Social Networking Platform | *Next.js, React, JavaScript, Firebase, Sharp*

- Built a responsive social platform with authentication, text/image posts, camera capture, likes, comments, follows, personalized feeds, search, profiles, notifications, sharing, real-time listeners, engagement-aware ranking, optimistic updates, pagination, and image compression/storage workflows.

IELTS AI Practice Website | *HTML, CSS, JavaScript*

- Built a custom IELTS preparation website with writing-practice tools and structured study materials as a solo project.

EDUCATION

Bachelor of Information Systems *Aug 2022 - Dec 2026 (Expected)*

Universitas Gunadarma

Academic standing: GPA 3.86/4.00 | Core/Major GPA (IPK Utama) 3.95/4.00 | 155 SKS completed

- Undergraduate thesis examination passed 15 Aug 2026; formal graduation expected 15 Dec 2026.
- Final thesis: "PERBANDINGAN PERFORMA LARGE LANGUAGE MODEL BAHASA INDONESIA BERBASIS TRANSFORMER PADA SKALA 75 JUTA DAN 750 JUTA PARAMETER MENGGUNAKAN KORPUS INDO4B-HF."

Senior High School - IPA / Natural Sciences *Jul 2019 - Jun 2022*

SMAS Yaspen Tugu Ibu | Depok, Indonesia

LEADERSHIP, ORGANIZATIONS & SERVICE

Member - Novo Club Batch 3 *Feb 2024 - Feb 2025*

Novo Club by Paragon Corp | Jakarta, Indonesia / Hybrid

- Participated in a national student leadership and self-development program covering leadership, career preparation, collaborative learning, innovation, networking, and project-based professional development.

Ketua 1 / Vice Chairman *Sep 2019 - Sep 2021*

Majelis Perwakilan Kelas (MPK), SMAS Yaspen Tugu Ibu | Depok, Indonesia

- Coordinated communication among student representatives, OSIS, faculty advisors, underclassmen, and alumni; contributed to organizational planning, strategic decisions, events, and student-development initiatives.
- Established and led the MPK Media Team, overseeing organizational communications and content across Instagram, YouTube, and podcast channels.

Alumni Mentor & Competition Advisor *Jan 2023 - Dec 2024*

English Club, SMAS Yaspen Tugu Ibu | Depok, Indonesia

- Mentored approximately 15 students in Speech, Storytelling, and News Reading competitions.

Volunteer *May 2024 - Jul 2024*

ChildPath | Indonesia

- Helped organize educational and recreational activities for orphans, supporting social-development programs.

CERTIFICATIONS, TRAINING & ASSESSMENTS

Creating Business Intelligence - Universitas Gunadarma, Cert. 590129 (25 May - 6 Jun 2026): Defining data objects, creating business intelligence, and compiling analysis reports.

Data Preparation for Business Processes - Universitas Gunadarma, Cert. 614646 (22-27 Sep 2025): Identifying data requirements, collecting data, analysing data, and validating data.

General English Level 9 - LBI FIB Universitas Indonesia (2024): Final score 83/100; Speaking 97, Writing 94, Reading 88, Listening 75; assessor described performance as highly proficient.

Aptitude Test - Universitas Gunadarma, Cert. 120943/AT/FPSI/2026 (17 Jul 2026): High-band results in abstract reasoning, logical reasoning, and conclusion-making.

Computer Network Training - LSP Universitas Gunadarma (2023): Computer Networks Requirement Identification; Computer Networks Connectivity.

LePKom Coursework - Universitas Gunadarma: Fundamental Desktop, Fundamental Web, C#, and Golang.

INTELLECTUAL PROPERTY & COMMUNITY IMPLEMENTATION

KiosDarma - Indonesian Software Copyright No. 001103335 (Jan 2026): Harits Raharjo Setiono is a named co-creator; Universitas Gunadarma is the copyright holder.

PKM - Ayam Bakar Solo, Depok - 18 Mar - 12 Jul 2026: Participant in the application of the KiosDarma POS-based accounting information system for a university community-service partner.

PKM - Sekolah Pendidikan GHAMA, Depok - 18 Mar - 18 Jun 2026: Participant in an ABCD-based program for identifying potential and developing teacher human-resource assets.

TECHNICAL & PROFESSIONAL SKILLS

Data & Analytics: Python (Pandas, NumPy), SQL, Power BI, Microsoft Excel, exploratory data analysis (EDA), data cleaning, statistical analysis, data visualization, ETL, RFM segmentation, business reporting, scrollytelling (interactive, scroll-driven data storytelling).

AI / Machine Learning: PyTorch, Hugging Face, Natural Language Processing (NLP), Large Language Models (LLMs), Transformer architecture, tokenization, model training, GPU-accelerated training.

Web / Development: JavaScript, HTML, CSS, Next.js, React, Firebase, C#, Golang, database management.

Tools & Platforms: Git, GitHub, Google Colab, Jupyter Notebook, Open Journal Systems (OJS), Microsoft Word, PowerPoint, Google Docs Editors, Canva.

Professional: Faculty liaison, stakeholder coordination, senior academic stakeholder engagement, research support, project coordination, public speaking, event facilitation / MC, documentation, problem solving, team leadership.

Languages: Indonesian (Native); English (Highly Proficient - LBI FIB UI General English Level 9, 83/100).

Availability: Immediate; open to full-time roles and 3-6 month internships prior to formal graduation in December 2026.