



# IMAM HATRIS EKAPUTRA

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An Information Technology graduate from the University of North Sumatra with strong skills in Python, SQL, and Machine Learning fundamentals. Passionate about transforming raw data into meaningful insights, building data-powered solutions and developing predictive models.

## Experience & Projects

### PT. Bahasa Kinerja Utama - Jakarta, Indonesia

Nov 2024 - Feb 2025

#### AI Engineer Intern

A technology company focused on developing high-performance Natural Language Processing (NLP).

- Developed a smart Islamic chatbot using LLM and RAG technology to provide accurate answers grounded in trusted sources.
- Automated the process of transcribing meeting recordings from audio to text using web automation scripts and Speech-to-Text AI.

### IBM Skillsbuild For AI & Cybersecurity 2024 - Indonesia

Feb 2024 - May 2024

A national-level independent study program through Kampus Merdeka, focused on the IBM Skillsbuild curriculum for AI & Cybersecurity.

- Bookverse: Book Recommendation Website Enhanced with IBM Natural Language Understanding

### LIDM 2024 - Bogor, Indonesia

Apr 2024 - Jun 2024

The Student Digital Innovation Competition (LIDM) is a competition for talented students in the digital field organized by the Ministry of Education and Culture as an effort to improve soft skills, technological literacy and student achievement.

- Achieved a position as one of the 20 finalists in the Education Digital Learning Innovation Division of LIDM 2024, competing with teams from all over Indonesia.
- Become a product developer in designing digestive system learning applications using augmented reality and 3D models.

### KRSRI 2023 - Semarang, Indonesia

Feb 2023 - Jun 2023

robotics competition aimed at promoting and developing skills in the field of robotics technology among students and university students

- Recipient of KRSRI Funds, Search and Rescue (SAR) Robot Contest Indonesia 2023
- Become a skilled programmer specialized in Search and Rescue robotics

### Web Development Solution Challenge GDSC USU 2023 - Medan, Indonesia

Jun 2023

A Competition aimed at addressing Sustainable Development Goals (SDGs) through the innovative use of web technologies.

- Achieved a First Winner in Web Development Solution Challenge 2023, competing with teams from North Sumatera
- Become a Graphic Designer in designing Website Applications using Adobe Photoshop and Adobe Illustrator

## Education Level

### University of North Sumatera - Medan, Indonesia

Aug 2021 - Jun 2025

#### Bachelor Information Technology, 3.69/4.00

- Deputy Secretary of Majelis Permusyawaratan Mahasiswa Fasilkom-TI USU
- Leader of the research and development division "Robotik SIKONEK USU"
- Member of Google Development Student Club

### Madrasah Aliyah Negeri 2 Model Medan - Medan, Indonesia

Jul 2017 - May 2020

#### Senior High School Major in Natural Sciences, 89.00/100.00

- Member of Robotik Club MAN 2 Model Medan. In 2019, I served as the committee chairman for the MAN 2 Model Medan Robotic Competition
- Member of the debate division "English Club MAN 2 Model Medan"

## Organisational Experience

### MPMF USU - Medan, Indonesia

Aug 2023 - Jul 2024

#### Deputy Secretary

Managed administration, documentation, and meeting coordination to ensure smooth operations of the assembly. Acted as a liaison between members and stakeholders, enhancing communication and work efficiency.

### Robotik SIKONEK USU - Medan, Indonesia

Oct 2022 - Jun 2023

#### Leader of the Research and Development Division

Led research initiatives, fostering innovation and development within the field. Coordinated team efforts in project planning and execution, driving advancements in robotics, control systems, and electronics.

## Skills, Achievements & Other Experience

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- **Soft Skills:** Problem-Solving, Critical Thinking, Team Collaboration.
- **Hard Skills:** Programming Languages (Python & SQL)
- **Hard Skills:** Data Analysis Libraries (Pandas, NumPy, Scikit-learn)
- **Hard Skills:** Databases (MySQL & MongoDB)
- **Hard Skills:** Data Visualization (Matplotlib, Seaborn, Microsoft Excel)
- **Hard Skills:** Familiar with collaboration tools such as Microsoft Office Package (Word, Excel, etc.)
- **Hard Skills:** Web Programming (HTML, CSS, JavaScript, PHP)
- **Modules Taken** 📌 (2024): Python for Data Science Powered by IBM
- **Modules Taken** 📌 (2024): Machine Learning for Data Science Projects Powered by IBM
- **Modules Taken** 📌 (2024): Getting Started with Enterprise Data Science
- **Modules Taken** 📌 (2024): Enterprise Data Science in Practice
- **Projects** (2025): Deep Learning Model for Disease Detection from Medical Imagery
- **Projects** (2025): Speech-to-Text Transcription Fully Automated via a Custom Web Automation
- **Projects** (2025): A RAG-Powered LLM for a Trusted and Fact-Based Islamic Knowledge Chatbot
- **Projects** (2024): IBM Natural Language Understanding for a Personalized Book Recommendation Engine