

# Zavier Naafi Rahmansyah

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## Education

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### University of Wisconsin-Madison

Major: Data Science, Information Science; Certificate: Math, Computer Science      Expected Graduation: May 2027

Related Classes: Linear Optimization, Intro to AI, Interaction Design Studio, Graphs and Networks in Data Science

## Experience

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### ○ 2025 - Present

HR Department, Facilities Planning & Management Division, UW-Madison, Madison, WI

#### Student Assistant

- Managing Front Desk Inquiries, filing paper documents and using perceptive content & Organizing Files

### ○ 2024

PT Kereta Cepat Indonesia-China (KCIC) | Halim, Indonesia

#### IT Intern

- Reviewed API system performance test results to ensure successful integration into 3rd-party websites.
- Discussing problems related to UI/UX design and app functionality

## Projects

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### ○ 2026

#### Hyperstition for Good Writing Competition, CaML and Sentient Futures

- Currently developing an essay on how AI should reason when its decisions affect another being's welfare.

### ○ 2026

#### UW Madison Claude Builder Club (CBC) Anthropic x CAI Hackathon

- Currently, my team and I are planning projects for the hackathon, which starts on April 14, 2026.

### ○ 2026

#### Synchronized Applications Recommender Knowledgebases, Codex Creator Challenge

- Currently developing application intended to address the problem when people don't know what they want for the Handshake x OpenAI Codex Creator Challenge

### ○ 2025

#### Racing Strategy Team, Badger Solar Racing

- Utilizing unsupervised learning algorithm (Isolation Forest) for data cleaning, & displaying it using Matplotlib

### ○ 2025 - 2026

#### Full-Stack Engineering, Applied AI

- Personal AI Chatbot Agent using Langchain, React framework for the Single Page Application (SPA), node.js, Express.js, MongoDB for storing data, and FastAPI, Langchain, and OpenAI for the LLM implementation.
- Personal AI Agent to brief my morning with motivation and list of tasks using weather API, google calendar, OpenAI API, and Model Context Protocol (MCP) framework.

## Skills

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Programming Language: Python, JavaScript, R, HTML, CSS, Java, C, PostgreSQL

Developer Tools: AWS, Vim, Visual Studio Code, RStudio, Github, Figma, JupyterLab, Eclipse, Excel

Libraries: matplotlib, numPy, sciPy, pandas, tidyverse, dplyr, scales, Scikit-learn, Seaborn, Pytorch, JavaFX

Frameworks: express.js, node.js, FastAPI, React, JUnit, MongoDB, Langchain, Model Context Protocol (MCP)

## Extracurriculars

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### ○ 2025 - Present

Wisconsin AI Safety Initiative (WAISI) Leadership in Technical Team

- Build and update the AI Technical Safety Fundamentals (AISF) curriculum, and lead AISF cohorts
- Participate in Safety Scholars and help with behind the scenes execution