

# Raden Mohamad Adrian Ramadhan Hendar Wibawa

Data Scientist & Software Engineer

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Depok, West Java

I am a 7th-semester Computer Science student at the University of Indonesia. I have a deep passion for Artificial Intelligence and Data Science. I also have strong skills in front-end and back-end development, mobile development, and have dabbled in cybersecurity.

## Work Experience

### Teaching Assistant for Artificial Intelligence & Basic Data Science Course

Jul 2024 - Present

Faculty of Computer Science, Universitas Indonesia | Depok, West Java, Indonesia

### Artificial Intelligence Researcher

Feb 2024 - Jul 2024

PT Bank Rakyat Indonesia (Persero) Tbk | Central Jakarta, Jakarta, Indonesia

Part of BRIBRAIN Academy Batch 5:

- Assisted in research & development for many AI-Based Solutions. Worked on various technologies like document extraction AI, embedding-based indexing, and large language models.
- My Capstone Research/Project is a Letter Generator using generative AI. Tried and compared 3 different Large Language Models (GPT, Mistral, LLaMa-2), also studied the impact of prompt engineering and model temperature towards performance of the model in the specific use case of generating formal letters.

### Teaching Assistant for Databases Course

Jan 2024 - Jun 2024

Faculty of Computer Science, Universitas Indonesia | Depok, West Java, Indonesia

- Correct & Grade students work
- Monitor quizzes & exams
- Develop assignments & projects

### Teaching Assistant for Computer Networks Course

Jul 2023 - Dec 2023

Faculty of Computer Science, Universitas Indonesia | Depok, West Java, Indonesia

- Correct and grade student's assignments
- Assist when students request help
- Sit-in-class for Lectures and Hold tutorials

### Teaching Assistant for Statistics and Probability Course

Jan 2023 - Jun 2023

Faculty of Computer Science, Universitas Indonesia | Depok, West Java, Indonesia

- Correct and grade student's assignments
- Assist when students request help
- Hold a tutoring session
- Supervise students on exam

### Teaching Assistant for Discrete Mathematics 1 Course

Aug 2022 - Dec 2022

Faculty of Computer Science, Universitas Indonesia | Depok

- Make discrete math problems for student assignments
- Correct and grade student's assignments

- Assist when students request help
- Hold a tutoring session
- Supervise students on exam

## Projects

### Talacare A1

Feb 2024 - Jun 2024

As part of a Software Engineering Project Course at UI, I collaborated with 6 other students to develop a mobile game for preschool children with Thalassemia, as requested by a client. We used Flutter and Flame (Flutter Game) to build the app, which features a 2D adventure in a house setting and includes 3 minigames related to living with Thalassemia. The app also includes features like a medicine reminder and player data export via email.

## Volunteer Experience

### Person in Charge of Campaign

Nov 2022 - Jan 2023

*Pemira IKM Fasilkom UI*

Lead a small team to coordinating various events at Pemira, Head of BEM Fasilkom Election, moderated an exploration/debate session of the candidates

### Staff of Editorial Marketing

Apr 2022 - Dec 2022

*COMPFEST*

Wrote an article about latest trend in technology, wrote few articles of press release and interviewed speakers and mentors of COMPFEST.

### Staff of Academic and Student Development Department

Mar 2022 - Dec 2022

*BEM Fakultas Ilmu Komputer Universitas Indonesia*

Involved in various activities and programs including MAPRES Selection, coordination of Ekstrak Scele, and many more

## Core Skills

Game Development, Agile Methodologies, Test-Driven Development, React.js, Databases, Prompt Engineering, Large Language Models (LLM), English as a Second Language (ESL), Data Science, Research, Computer Networks, Spring Boot, SPARQL, Google Kubernetes Engine (GKE), DevOps, Cybersecurity, Penetration Testing, Grading, Tailwind CSS, Django REST Framework

## Education

### University of Indonesia

Aug 2024 - Jun 2026

**Master's degree** Computer Science

### University of Indonesia

Aug 2021 - Jun 2025

**Bachelor's degree** Computer Science  
GPA 3.85

### SMAN 2 Tangerang Selatan

Jul 2018 - Jun 2021

High School Diploma

## Certificates

### TOEFL iBT

Jun 2026

*ETS*

<b>Cyber Security Course Level Advanced</b> <i>ITBOX</i>	Jan 2024
<b>Flutter Fundamentals Course</b> <i>Dicoding Indonesia</i>	Aug 2025
<b>Applied Machine Learning Course</b> <i>Dicoding Indonesia</i>	Jul 2025
<b>Machine Learning Development and Deployment Course</b> <i>Dicoding Indonesia</i>	Jul 2025
<b>Basic Data Visualization Course</b> <i>Dicoding Indonesia</i>	Jun 2025
<b>Web Development Path (Node.JS)</b> <i>Progate</i>	Aug 2024