

# RICH EDRICK ANTHONIOS

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Final year Information Systems student with a concentration in Data Science at President University, skilled in data analysis, machine learning, data visualization, and business process optimization. Proficient in using Python (Pandas, Scikit-learn), SQL, Django, and analytics tools like Power BI to extract, analyze, and visualize data, providing actionable insights for decision-making. Successfully lead a 5-member team in client project to optimize university scheduling-analyzing historical data and building a prototype to reduce scheduling conflicts by 80%. Seeking to apply analytical skills in a real-world context.

## Education

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### President University

Aug 2023 - Present

Bachelor of Computer Science

GPA: 3.91 / 4.00

## Recent Projects

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### Amazon Sales Analysis Dashboard [🔗](#) (2025)

- Developed an interactive Power BI dashboard to analyze over 3,000 rows of amazon sales data from 2011 to 2014.
- Visualized key performance indicators including profit margins, order trends, etc.

### Toko Mega Makmur Makassar [🔗](#) (2025)

- A website made with Wordpress and hosted using Hostinger with smooth animation and loading page.
- Ranked #1 on Google Search for the brand "Toko Mega Makmur Makassar"

### Movie Recommender System [🔗](#) (2025)

- Processed and filtered a dataset with over 7,000 top popular movies using Pandas and Scikit-learn.
- Utilized TF-IDF vectorization and cosine similarity to compare movie overviews, genres, and keywords, achieving over 90% relevance in top 5 recommendation results.

### Machine Learning Web Application (Django-Based) [🔗](#) (2025)

- Built and deployed a Django web app to predict and classify 3 different case types using supervised and unsupervised ML algorithm.
- Achieved 75% accuracy and MSE < 5 by applying hyperparameter tuning and cross-validation.

## Work Experiences

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### PT Jababeka Tbk - Cikarang, West Java

Aug 2025 - Present

Application Support Intern

- Supported internal Finance & Accounting System (ERP-like) by assisting staff in resolving operational and reporting issues.
- Created a vendor data validation app (duplicate, similar, and unique checker) that cut down on the time needed for manual checks by 90%.
- Performed inventory system testing based on predefined test cases, found 10+ functional bugs and flow discrepancies between design and implementation.
- Optimized system query performance, reducing screen response time from 12 to 4 seconds, significantly improving user experience.

### Setsail BizAccel - Cikarang, West Java

Oct 2024 - Dec 2024

Admin Intern

- Scheduled and coordinated monthly 1-on-1 mentoring sessions for startup participants, ensuring all appointments were attended.
- Developed compelling social media content that increased event sign-ups by 20%.
- Guided 3+ new members, streamlining their participation in event planning and operational workflows.
- Operated vMix for LightenUp alpha launch event, ensuring smooth live broadcast to 60+ participants with zero technical issues.

## Organizational Experiences

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### President University Major Association Information System

Oct 2024 - Jul 2025

Head of Division Relation Management

- Led and mentored 5+ new members, improving their understanding of divisional operations and event coordination.
- Supervised 3+ internal and external events, including company visits, and farewell parties, ensuring smooth execution and positive feedback.
- Collaborated with Sport and Art division to organize sports events every 2 weeks, to maintain active student involvement across the semester.

*Member of Relation Management*

- Collaborated with other student organization organize company visits to BCA that involve over 60+ students and lecturers, improving networking in both business world and academic.
- Conducted a Comparative Study as Project Manager, resulting in a collaborative video that achieved 105k views on social media.

## **Skills, Achievement & Other Experience**

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- **Language:** Indonesian (Native), English (Proficient)
- **Achievement:** 3rd Place Winner Arithmetic Competition (Senior Category) organized by Kalla Toyota (2017)
- **Soft Skills:** Data-driven problem solving, time management, leadership, task planning, teamwork, analytical, advanced mental arithmetic.
- **Hard Skills:** HTML, CSS, PHP, SQL, Tailwind, JavaScript, Python, Django, Power BI, WordPress, Microsoft Office, Google Workspace.