

# Agus Fahmi Aji Pramana

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## WORK EXPERIENCE

**Project-Based Virtual Intern : Home Credit Indonesia X Rakamin Academy** Apr 2024 - May 2024

### Data Scientist

Internships at Home Credit x Rakamin focus on increasing skills in data analysis and business model development.

- Used Excel and SQL for data extraction, transformation, and loading (ETL).
- Designed and implemented a data warehouse for more efficient data management.
- Applied Python programming techniques for data manipulation and analysis visualization.
- Created a model to predict potential loan defaults at Home Credit using RandomForest (best-performing model).
- Successfully developed a credit scoring model and improved model accuracy to 99%.

### Sanggar Indonesia

Aug 2023 - Oct 2023

### Website Developer

Internships at Sanggar Indonesia, we successfully completed several website projects, including experience in development with the WordPress platform.

- Successfully completed several website projects including Koyulaundry, Mjapart, Webhoust, and Lumpiaboom.
- Developed websites using WordPress, from planning to launch.
- Collaborated with cross-functional teams to ensure projects were completed on time and met client requirements.

### Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

Feb 2023 - Aug 2023

### Machine Learning

Selected as one of 5,000 participants from more than 67,000 applicants to join Google Bangkit Academy 2023 to learn key AI/ML concepts to solve various problems in 6 months.

- Developing end-to-end machine learning (PasarKita Application), including Recommendations for content recommendations using TF-IDF & Cosine Similarity
- Conducted analysis and evaluated the strengths and weaknesses of various applications to gain valuable insights.
- Utilized the Kaggle market basket dataset as a prototype model, trained a collaborative recommender system model, and generated accurate output based on user preferences.
- Completed the Google Data Analytics and IT Automation courses using Python, Google IT Automation with Python, Google Data Analytics, Math for Machine Learning, Tensorflow Developer Professional Certificate, Tensorflow Data and Deployment Course
- Qualified for and passed the international TensorFlow Developer Certificate.

## EDUCATION & TRAINING

**MUHAMMADIYAH UNIVERSITY OF MALANG (GPA: 3.83/4.00)**

Sep 2020 - Jul 2024

### Bachelor of Informatics

- Awards: Graduates with Cumlaude predicate

### Digital Talent Scholarship

Jun 2024 - Jul 2024

### Artificial Intelligence Junior Developer

Recipient of the Fresh Graduate Scholarship from the Kominfo AI Junior Developer Academy by Huawei. Focused on advanced AI learning with an emphasis on cutting-edge technologies and methodologies through Huawei's AI Path program.

- Delved into advanced AI learning, focusing on Machine Learning and Deep Learning.
- Built AI models using MindSpore.
- Successfully completed foundational AI mathematics courses, including linear algebra, calculus, and statistics.
- Passed the international AI certification qualification by Huawei.

### Barekraf Digital Talent

Oct 2022 - Dec 2022

## Google IT Support

Selected for the BDD Program by Kemenparekraf, focusing on enhancing skills in the creative economy sector, specifically in the development of Google IT Support.

- Completed courses on Fundamentals of Technical Support, Computer Networking, Operating Systems, and Becoming a Power User, System Administration and IT Infrastructure Services, IT Security, and Defense Against Digital Crimes.
- Mastered cloud computing platforms and applied basic IT security techniques.
- Successfully completed the program and earned the Google IT Support certification.

## SKILLS

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- Programming Language: Python for machine learning, analytics and deep learning, SQL, Kotlin
- Tools: Tableau, Git, Spreadsheet/Excel, MySQL,
- Certifications: Tensorflow Developer Certificate

## ORGANIZATION EXPERIENCE & ACHIEVEMENT

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### Informatics Student Association (HMIF) Oct 2021 - Jul 2022

#### Head of Information and Communication Division

- Coordinate the media and communications team to organize events and work programs.
- Establish relationships between institutions and build effective communication.

### Google Developer Student Club (GDSC)

Oct 2021 - Jul 2022

#### Member

- Participate in all activities such as seminars, training and self-development
- Active activities on campus and outside campus within GDSC

### Finalists of the Compfest 15 Artificial Intelligence Competition

Okt 2023

Reached the finals among 12 selected teams out of 144 teams that registered for the National to Southeast Asia Artificial Intelligence Competition (AIC).

- Scraped over 10K image data of diseases from open-source sites and obtained 12 disease classes that could be classified.
- Successfully developed a machine learning image classification model with accuracy over 92%.
- The model was effectively implemented in a Kotlin program using only local resources.
- Attended the final session in person at the Faculty of Computer Science, University of Indonesia.
- Mentored by professional figures from companies such as Kredivo and the Ministry of Health (Kemenkes).