

RAIHAN DIGO SAPUTRA

Data Analyst, Data Scientist

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SUMMARY

A highly motivated fresh graduate with a degree in Informatics from Universitas Islam Indonesia, specializing in Data Science. I bring proficiency in Python programming, particularly for Machine Learning and Data Visualization, and have solid experience with SQL, data analysis, and statistical modeling. My strong analytical thinking, problem-solving abilities, and attention to detail complement my technical skills. Eager to dive into the industrial world, I aim to develop my expertise in Machine Learning and Artificial Intelligence while contributing to the success of forward-thinking companies.

EDUCATION

Universitas Islam Indonesia

Sep 2019 - Sep 2023

Bachelor of Informatics | GPA: 3.91 / 4.0 within 4 years

WORK EXPERIENCE

The Informatics Study Program of Universitas Islam Indonesia

Laboratory Assistant

Sep 2020 – Jan 2023

- Laboratory Supervision: Organizing programming logic sessions, guiding students in understanding programming concepts for practical courses.
- Application Development Support: Assisting students in basic and advanced application development, supporting desktop and web application projects.
- Computer Systems and Networks Laboratory: Guiding students in network exercises, troubleshooting technical issues in the computer systems and networks laboratory.
- Testing and Debugging: Testing and debugging student-developed applications, offering constructive feedback for code improvement.
- Mobile Application Learning: Providing specialized support for Android and iOS app development, guiding students in using the latest mobile development frameworks.
- Hardware and Software Maintenance: Ensuring reliability of lab hardware and software to support related courses.
- Reporting and Evaluation: Monitoring student progress, generating reports for instructors, and contributing to course content improvement through evaluation.

Assistant lecture for Advanced Mathematics

Mar 2021 - Aug 2021

- Prepared and delivered lectures on advanced mathematics topics.
- Created and assigned assessments for course evaluation.
- Demonstrated the application of mathematical techniques and principles to problem solving.
- Developed lesson plans in accordance with educational standards and regulations.
- Advised and answered questions from students on topics related to advanced mathematics.

TRAINING COURSE

Digital Talent Scholarship

Apr 2024 - Jul 2024

Data Analytics

- The Pusbang Proserti competency development program by the Ministry of Communication and Information offers data analytics training. Participants learn junior data analyst practices, key analytical skills using spreadsheets, SQL, R, and Tableau, and data visualization and presentation techniques.
- Project: Renewable Energy and Emission Reduction: A Case Study for Economic and Environmental Sustainability.

- Study independent for machine learning developers with learning through Dicoding Academy and Coursera, as well as team projects. Participants are guided by experts and mentors and are prepared for the Google TensorFlow Developer certification exam. Competency certificates are awarded after passing the exam.
- Project: Developing sentiment analysis for a freelancer search application (Kerjamin)

ORGANIZATION

Civitas Laboratorium Informatika UII | Member of Creative Information and Publication

LANGUAGE SKILL

- **Bahasa Indonesia** Native
- **English** Proficient

SOFTWARE SKILL

- **Database Management:** SQL (MySQL, PostgreSQL), NoSQL (Firebase)
- **Data Manipulation:** Excel, Spreadsheet, Python, R.
- **Data Visualization:** Looker Studio, Power BI.
- **Machine Learning:** Scikit-learn, TensorFlow, Keras
- **Other Tools:** Visual Studio Code, GitLab, GitHub, Jupyter Notebook, Google Colab

CERTIFICATION

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| • Tensorflow Developer Certificate | • Dasar-dasar Analitik Data: Data, Data di Mana-mana |
| • Analitik Data Google | • Menganalisis Data untuk Menjawab Pertanyaan |
| • DeepLearning.AI TensorFlow Developer | • Memproses Data dari Kotor ke Bersih |
| • Structuring Machine Learning Projects | • Mempersiapkan Data untuk Eksplorasi |
| • TensorFlow: Data and Deployment | • Berbagi Data Melalui Seni Visualisasi |
| • Google IT Automation with Python | • Analisis Data dengan Pemrograman R |
| • Mathematics for Machine Learning | |
| • Introduction to Data Science with Python | |
| • Meniti Karier sebagai Software Developer | |

PUBLICATION

Model Mobile untuk Deteksi Objek pada On-Shelf Availability Produk Retail

AUTOMATA | 14 November 2023

Identifikasi Konten Dewasa Pada Cuitan Twitter Menggunakan Metode BiLSTM Sebagai Upaya Mengatasi Penyebaran Pornografi Untuk Indonesia Maju

Khazanah: Jurnal Mahasiswa | 28 November 2022

eduFarm: Aplikasi Petani Milenial untuk Meningkatkan Produktivitas di Bidang Pertanian

AUTOMATA | 10 June 2020