



MOHAMMAD RADYA FARIEZ

Electrical Engineering graduate with Programming, Data Analytics and Network System Analytics skills. Highly interested with Machine Learning, Software Engineering and Industrial Technology.

PERSONAL INFORMATION

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- <https://linkedin.com/in/radyafariez>
- <https://github.com/radyafariez>
- Year of Birth - 1998

SKILLS AND ABILITIES

- **Language**
Indonesia
English – TOEFL Score : 473
- **Other Skills**
Microsoft Office, C/C++, Python, Java, MATLAB, Arduino, SketchUP, HTML, SQL

EDUCATION

- Electrical Engineering, Faculty of Industrial Technology, Pertamina University (2016 - 2021), GPA: 2.98/4.00
- SMAN 6 Jakarta (2013 - 2016)

EMPLOYMENT EXPERIENCE

- **Data Center Operator – PT Kyndryl Solutions Indonesia (July 2022 Present)**
Same job description as in PT Jasa Teknologi Informasi IBM, due to following spin off regulation by IBM IT Infrastructure Department.
- **Data Center Operator – PT Jasa Teknologi Informasi IBM (December 2021 – July 2022)**
Overseeing Data Center, supervise i System with AS400 and also do Identify, batch process, log and issue report to support team. Sometimes doing backup or restore object data by request.
- **Technical Support – Engineering Division at PT Anugerah Solusi Tekindo (May 2021 – December 2021)**
Work on CCTV Installation and maintenance project as Network Engineer. Otherwise, create and develop some Artificial Intelligence features of CCTV to fulfill client's request.
- **Internship – Electrical Engineering Division at PT Pertamina Retail (July 2019 – August 2019)**
Conduct field surveys to check the condition of the facilities and field studies about solar PV and engineering process at fuel stations. Besides that, arranging sales data and voucher to customer needs.

ORGANIZATIONS EXPERIENCE

- **Part of Entrepreneurship Division at Himpunan Mahasiswa Teknik Elektro Universitas Pertamina (2017 – 2019)**
Creating business ideas and collaborating with HMTE UP to build up an entrepreneurial spirit to the college students.
- **Pengabdian Kepada Masyarakat – Universitas Pertamina (Electrical Engineering & Sekolah Citra Alam) (2019)**
Logistic Division Member – Preparing the goods for event needs.
- **Committee of “1ST DIES NATALIS HMTE UP: REKAH 2018” by HMTE UP (2018 – 2019)**
Treasurer – Managing Finances and also preparing the needs of the event.
- **Committee of “AXIS MUNDI” by HMTE UP (2018)**
Head of Logistics Division – Making the lists and preparing the goods for event needs.

PROJECT EXPERIENCE

- **Predict US Airline Sentiment (2023)**
Using Machine Learning Pipelines to predict negative sentiment about US Airline by social media (Twitter) to evaluate US Airline's performance with Tokenization method, TextVectorization model architecture and evaluate with binary accuracy metrics.
- **Anime-Content Recommendation System (2022)**
Create Recommender System to facilitate web or application user on choosing the best Anime content based on what has been watched before (Content-Based Filtering). Using precision metrics to evaluate performance of the model.
- **Predictive Analytics Project (2022)**
Predict used car prices by using Machine Learning, analyze data by doing Univariate and Multivariate Analysis. Determine the best fit by comparing 3 algorithms (K-Nearest Neighbor, Random Forest and AdaBoost algorithm).
- **Image Classification Model Deployment (2022)**
Classify image to recognize an animal using Machine Learning. Providing 4 different image of animals and train model using Image Data Generator.

PROJECT EXPERIENCE

- **Automatic Segway Line Tracker (2020 – 2021)**
Designing, simulating and also analyze performance of self-balancing and line tracking system prototype for industrial transportation.
- **Librarian Robot Assistant (2019)**
Simple robotic arm to arrange books on the shelf. This project is about to build system by using Arduino device and servo motor.
- **Miniature Solar Home System (2018)**
Build a miniature solar home system by using solar panels to generate their own electric power.
- **RFID Access System (2018)**
Creating a door lock automatic system using radio-frequency electromagnetic fields to implement the smart home system.

PUBLICATION AND CERTIFICATION

- **DevNet Associate by Cisco (2023)**
- **Applied Machine Learning by Dicoding (2023)**
- **Machine Learning Development by Dicoding (2022)**
- **AWS Cloud Practitioner Essentials by Amazon Web Services (2022)**
- **Penggunaan Metode Optimasi *Generic Algorithm* dalam Penentuan Letak Turbin Angin (Published on Aperti BUMN (2020))**
- **Training Oscilloscope, Function Generator and Safety Tester by GW Instek (2019)**