

Qualification Profile

Highly motivated data scientist with a strong background in computer science. Proficient in SQL, Power BI, Tableau, Python, Pandas, NumPy, TensorFlow, and PyTorch. Skilled in analyzing complex datasets, creating visualizations, and developing user-friendly applications. Proven track record in sentiment analysis, public transportation efficiency, and handling housing and transportation issues. Certified Data Analyst and Data Scientist. Strong leadership, adaptability, and analytical skills. Excellent academic record and passion for teaching. Valuable asset for data-driven projects and teams.

Relevant Skills

- SQL (PostgreSQL, MySQL)
 - Power BI
 - Tableau
 - Python
- Pandas
 - Numpy
 - Tensorflow
 - Pytorch
- Microsoft Excel
 - Software Engineer
 - Laravel
 - Vue JS
- Make.com
 - Trello
 - JIRA

Education

Padjadjaran University

Bachelor of Computer Science with 3.65 GPA

(08/2018 – 01/2022)

Related Coursework

- Calculus
 - Logic in Computer Science
 - Algorithms and Programming
 - Introduction to Computer and Information Technology
 - Statistics
 - Data Structure
 - Architecture and Computer Organization
 - Database Systems
- Informatic Physics
 - Linear Algebra
 - Numerical Methods
 - Discrete Mathematics
 - Operating Systems
 - Object Oriented Programming
 - Web Programming
 - Artificial Intelligence
 - Information System
 - Analysis of Algorithms
- Computer Network
 - Software Engineering
 - Decision Support Systems
 - Cryptography
 - Data Mining
 - Project Management
 - Data Warehouse
 - Geographical Information System
 - Machine Learning

Functional Strength

- Leadership and Supervision
 - Adaptability
 - Time Management
- Analytical Skills
 - Teamwork
 - Problem Solving

Work Experience

Data Scientist (Association) at Fortech Indotama

Jakarta (Feb 2023 – Present)

- Scraped the website of the Forestry Service, Constitutional Court to carry out the analysis process and create a visual dashboard of the analysis results with Tableau and Power BI.
- Conducted sentiment analysis from Twitter to see people's views on public policies and issues that are circulating.

Data Scientist and Python Engineer (Contract) at Global Data Inspirasi

Yogyakarta (Jun 2022 – Feb 2023)

- Experienced in analyzing data signals from gadgets using Python and Scikit-Mobility library to improve public transportation services efficiency by up to 25%.

- Proficient in creating an interactive dashboard to evaluate the Ministry of Communication and Informatics' performance for the last 3-5 years, contributing to the development of the ministry's performance by up to 20%.
- Expertise in developing an application website using ArcGIS and JavaScript to view population density, costs, and carbon emissions per trip, simplifying the handling of housing and transportation issues in big cities by up to 15%.

Data Scientist (Internship) at Kazee Digital Indonesia

Yogyakarta (Mar 2022 – Jun 2022)

- Building a ChatBot using NLU (Natural Language Understanding) with the Rasa library. Adding NLU can increase satisfaction and experience by up to 30%.
- Understand Indonesian grammar patterns to process Natural Language Generation using the Transformers library. By doing this, it can improve the engine by up to 25%.

Research Experience

- Mask User Detection Application Using USB Camera with Residual Network Method
- Development of Sentence Generating Program from Sentences using POS Tagging, Sentiment Analysis, and Intent Detection

Instructor Experience

- **Data Visualization Class** with Power BI and Tableau for The Indonesia Ministry of Foreign Affairs
- **Data Visualization Class** with MS Excel and Tableau for The Ministry of Education and Culture
- **Big Data Analytics Class** with Python and Power BI for The Ministry of Education and Culture
- **Scrum Master Class** for The Indonesia Ministry of Investment

Achievements

- Certified as a **Data Analyst Associate** by DataCamp (Expiry date: 06/12/2025)
- Certified as a **Data Scientist Associate** by DataCamp (Expiry date: 06/08/2025)
- Certified as a **Data Scientist Professional** by DataCamp (Expiry date: 07/20/2025)

Projects

- **Data Analyst** | National Highway Traffic Safety Administration (NHTSA) Crash Analysis in Refocus Projects
- **Data Analyst** | Food Story Cloud Kitchen Analysis in Refocus Projects
- **Data Analyst** | FIFA 2018 Analysis Rapid Project
- **Data Scientist** | Recipe Site Traffic (Data Scientist Professional Certificate at DataCamp)
- **Data Scientist** | Fitness Class (Data Scientist Associate Certificate at DataCamp)
- **Data Analyst** | Food Claims (Data Analyst Associate Certificate at DataCamp)
- **Assistant Research** in Telkom University | Twitter Markov Chain Analysis
- **Assistant Research** in Telkom University | Information Diffusion using Evolutionary Machine Learning
- **Scrum Master** and **Backend Developer** | Development of PolyClub (Online meeting application)
- **Scrum Master** and **Frontend Developer** | Development of Prabu 2021 and Prabu 2022 (web application for university orientation)
- **Project Manager** and **Backend Developer** | Development of IFEST 2020 (web application for university events)
- **Backend Developer** | Development of FERMA (mobile app for urban farming)
- **Backend Developer** and **AI Engineer** | Development of UFARMING (mobile app for urban farming)
- **Fullstack Engineer** | Development of Booklet Web Application
- **Frontend Developer** | Development of Epicentrum 2021 and Epicentrum 2022 (web application for university events)

Completed Training and Courses

- Data Analytics Course - Core Track | Refocus
- Data Scientist with Python Track | DataCamp
- Image Processing with Python Track | DataCamp
- Deep Learning with Python Track | DataCamp
- Creative Problem Solving | University of Minnesota
- Programming Fundamentals | Duke University
- HTML, CSS and Javascript | Johns Hopkins University
- Technical Support Fundamental | Google