

DIMYATI

Jakarta, Indonesia • dimyati197@gmail.com • +6289525465698
jimy-dimyati.github.io/cv

A highly enthusiastic and quick-learning graduate in Mathematics Education, with a strong interest in data and analytics, seeking entry-level opportunities in a dynamic and innovative company. Possesses strong problem-solving skills and a high level of dedication to hard work. Eager to learn from experienced professionals and contribute to the success of the team.

WORK EXPERIENCE

Certified Online Tutor [Freelance] Snapask <ul style="list-style-type: none">Assisted students in addressing mathematics-related questions and strengthened their understanding of relevant concepts.Provided online tutoring through the Snapask platform, explaining complex mathematical concepts and offering solutions to mathematical problems.Enhanced student comprehension and helped them achieve better results in mathematics exams.	Oct 2022 - Jul 2024 Jakarta, Indonesia
Health System Analyst [Project-Based Virtual Intern] KlinikGo x Rakamin Academy <ul style="list-style-type: none">Performed tasks related to the Software Development Life Cycle (SDLC), including creating flowcharts and data modeling.Developed SQL queries, contributed to software testing efforts, and completed a final project as a Health System Analyst.Completed the final project with successful assessment and presented an overview of the patient registration process through the KlinikGo website, focusing on data management efficiency.	Apr 2024 - May 2024 Jakarta, Indonesia
Business Development Officer [Project-Based Virtual Intern] Legalku x Rakamin Academy <ul style="list-style-type: none">Contributed to the development of sales prospecting strategies and digital marketing initiatives.Analyzed sales forecasts to identify potential sales opportunities and supported the development of effective sales strategies.Completed the final project demonstrating strong business skills.	Nov 2023 - Dec 2023 Jakarta, Indonesia
Learning Designer [Project-Based Virtual Intern] Kompas x Rakamin Academy <ul style="list-style-type: none">Applied the ADDIE Model to develop curricula and online courses.Created engaging modules and reading materials through effective content writing to support interactive online learning.Completed a project in Learning Design.	Oct 2023 - Nov 2023 Jakarta, Indonesia
Digital Marketing [Project-Based Virtual Intern] Erajaya x Rakamin Academy <ul style="list-style-type: none">Conducted market research and developed strategies for product marketing.Managed social media advertising campaigns, including Google Ads and Facebook Ads, and created detailed plans covering marketing timelines, KPIs, and budgets.Completed a final project focused on the implementation of effective digital marketing strategies.	Sep 2023 - Oct 2023 Jakarta, Indonesia
Coding Competition Coach (Python) SMP IT Al-Husein <ul style="list-style-type: none">Trained and mentored students of SMP IT Al-Husein in preparation for coding competitions using the Python programming language.Developed training materials and provided intensive guidance on the fundamentals of Python.	Feb 2023 - May 2023 Banten, Indonesia
Business Intelligence Analyst [Project-Based Virtual Intern] Bank Muamalat x Rakamin Academy <ul style="list-style-type: none">Analyzed data using MS Excel, MS Access, and MySQL to gain actionable insights.Created data visualizations to support business intelligence efforts and provide insights for decision-making.Completed a final project focusing on user churn analysis with in-depth and actionable results.	Oct 2022 - Nov 2022 Jakarta, Indonesia
Tutor [Freelance] Private Tutor <ul style="list-style-type: none">Created customized mathematics materials for the National University Entrance Exam.Used personalized teaching methods to boost students' confidence.Achieved a 100% university entrance exam pass rate.	Jan 2022 - May 2022 Jakarta, Indonesia
Apprentice Moderator  Brainly Indonesia <ul style="list-style-type: none">Moderated content based on community guidelines and ensured user compliance with the established standards.Encouraged users to improve their answers while maintaining high quality standards.Achieved 100% of content moderation goals while balancing quality and quantity.	Sep 2020 - Feb 2022 Jakarta, Indonesia
Tutor [Freelance] Private Tutor <ul style="list-style-type: none">Developed customized mathematics materials for National University Entrance Exams.Employed personalized teaching methods to enhance students' confidence.Achieved a 100% pass rate for university entrance exam students.	Jan 2020 - Jul 2020 Jakarta, Indonesia

Mathematics Teacher [Intern] MAN 2 Kota Serang <ul style="list-style-type: none"> Assisted in lesson planning, implementation, and evaluation of student learning outcomes. Participated in teaching, helping to prepare materials, and providing feedback to students to improve their learning outcomes. Successfully increased student engagement in class activities through a more interactive teaching approach. 	Sept 2019 - Nov 2019 Banten, Indonesia
Sales Sosis Bakar Madu <ul style="list-style-type: none"> Sold honey-grilled sausage products and handled promotion and customer relationship management. Used social media for promotions and interacted directly with customers to increase sales. 	Mar 2017 - Mar 2018 Banten, Indonesia
Tutor [Freelance] Private Tutor <ul style="list-style-type: none"> Created customized mathematics materials for National Examination preparation. Implemented various teaching strategies to meet individual learning needs. Achieved a 100% passing rate for students in the National Examination. 	Dec 2015 - Apr 2016 Jakarta, Indonesia

ORGANIZATIONAL EXPERIENCE

Head of Mentoring Coordination Body LSP FKIP LSP MPK UNTIRTA <ul style="list-style-type: none"> Improved the effectiveness of mentoring by organizing and coordinating FKIP mentors. Collaborated closely with PAI FKIP lecturers to improve program outcomes. Increased participation in the mentoring program by 20%. 	Jan 2019 - Dec 2019 Banten, Indonesia
Head of Cadre and Human Resources Department L-SIP FKIP UNTIRTA <ul style="list-style-type: none"> Enhanced the quality of members through self-development activities tailored to each department's needs. Created human resources development agendas and collected data to evaluate the quality of resources. Recruited new members and achieved a 100% increase in membership. 	Jan 2018 - Dec 2019 Banten, Indonesia

EDUCATION

Bachelor's in Mathematics Education Sultan Ageng Tirtayasa University Thesis: Development of Mathematics Learning Media Based on Animated Videos Assisted by Doratoon Platform.	Aug 2016 - Jul 2023 GPA: 3.30
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PROJECT PORTFOLIO

Motion Graphic Video Resume ↗ <ul style="list-style-type: none"> Created a motion graphic video resume to visually showcase my experiences and skills using Adobe Illustrator & After Effects. The motion graphic video presents a brief and dynamic overview of my journey.
ASMat (Social Arithmetic Mathematics) Apps ↗ <ul style="list-style-type: none"> Developed an app to solve social arithmetic problems with a user-friendly interface, created using Android Studio. The ASMat app provides solutions to social arithmetic problems, along with practice exercises to support learning.
Water Quality Monitoring with Wokwi ↗ <ul style="list-style-type: none"> Created an IoT-based water quality monitoring system simulated using Wokwi to measure water temperature and pH levels. The water quality data is recorded on Thingsboard, displaying the water temperature and pH levels in real-time.
Fly Hatchery Monitoring Simulation ↗ <ul style="list-style-type: none"> Created an IoT device simulation using Wokwi to monitor the temperature in a fly hatchery facility. The simulation generates real-time temperature data displayed on Thingsboard.
IoT Solution Proposal for Agriculture ↗ <ul style="list-style-type: none"> Developed an IoT solution to monitor soil and plant conditions automatically. A detailed proposal for an IoT solution that can be implemented in the agriculture sector to improve efficiency and crop yields.
Descriptive Analysis of Employee Performance ↗ <ul style="list-style-type: none"> Conducted descriptive analysis of employee performance using existing data to provide insights on productivity. A report displaying employee performance analysis through graphs and tables to facilitate data understanding.
Employee Churn Analysis ↗ <ul style="list-style-type: none"> Conducted a comprehensive analysis of employee churn data and identified key factors contributing to employee turnover rates. Presented findings through interactive visualizations, enabling HR teams to implement focused retention strategies.
User Funnel Analysis ↗ <ul style="list-style-type: none"> Conducted funnel analysis to measure the conversion rate of users at each stage, from the homepage to purchase. Identified that the highest drop-off occurred between the Product Page and Cart, with a conversion rate of 30%.

AB Testing Marketing Analysis [↗](#)

- Conducted A/B testing using Chi-Square, T-Test, and Z-Test to analyze the impact of marketing campaign elements (such as ad timing and frequency) on product purchase conversion.
- With a 95% confidence level, determined that the number of marketing ads significantly influences consumer decision-making in purchasing products.

Supply Chain Demand Analysis [↗](#)

- Conducted product demand forecasting using historical sales data to predict the quantity of products that need to be produced or ordered to meet customer demand.
- Improved inventory planning accuracy with a 25% reduction in Mean Absolute Percentage Error (MAPE), helping to optimize stock levels and reduce the risk of stockouts or overstocking.

Image Classification with Deployment [↗](#)

- Developed a machine learning model for image classification, achieving an accuracy rate of 95%.
- Converted the model into TF-Lite format for efficient integration with Android and iOS applications.

Insurance Fraud Detection with Python [↗](#)

- Built an insurance fraud detection system using Python to analyze claims and detect suspicious claims.
- The fraud detection system successfully identified fraudulent claims, improving the efficiency of claim verification.

Insurance Fraud Detection with R [↗](#)

- Built an insurance fraud detection system using R to analyze claims and detect suspicious claims.
- The fraud detection system successfully identified fraudulent claims, improving the efficiency of claim verification.

Bank Customer Churn Analysis [↗](#)

- Performed data analysis to examine the churn rate among bank customers.
- Presented an overall churn rate of 20.37%, providing valuable insights for the team to devise strategies to prevent further increases in churn.

Logistic Company RDBMS with sqlite3 in Python [↗](#)

- Performed logistics data analysis by implementing an RDBMS SQL using SQLite3 in Jupyter Notebook.
- Answered queries such as the average shipping weight, the number of customers per category, and other relevant information based on available data.

Bike Store RDBMS with sqlite3 in Python [↗](#)

- Developed a database management system (RDBMS) for a bike store using SQLite3 and Python, allowing efficient management of inventory, transactions, and customer data.
- SQLite3-based RDBMS system capable of managing product, transaction, and customer data with an intuitive Python-based user interface.

Data Visualization of Salycyl Brand Sales from Kimia Farma [↗](#)

- Created data visualizations to analyze sales of Salycyl brand products from Kimia Farma using various visualization techniques to understand sales trends and patterns.
- An interactive dashboard presenting the Salycyl brand sales visualizations through graphs and charts that are easy to understand for decision-making.

CERTIFICATIONS & CERTIFICATIONS

IC3 (Internet and Computing Core) | Certiport

Mini Course Product Management | RevoU

Data Analysis with Python | IBM Skillsbuild

Data Visualization with Python | IBM Skillsbuild

Data Analysis with Python | DQLab

Stock Technical Analysis at Indonesia Stock Exchange | Karier.mu

Copywriting with SEO/SEM Techniques | Skill Academy

Machine Learning Developer | Digitalent x Dicoding

Digital Marketing Mastery | Digitalent x Hacktiv

App Builder Super Set | Digitalent x Salesforce

Telco 2.0 Beyond Connectivity | Digitalent x Train4best x XLAxata

Excel Fundamentals | Datacamp

Data Analyst with Python | Datacamp

SKILLS

Office: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, WPS, Google Sheets, Google Forms, Google Slides, Google Docs.

Programming Languages: R, Python, SQL, HTML.

Design: Adobe Photoshop, Inkscape, Corel Draw, Adobe Illustrator, Adobe Premiere Pro, Adobe After Effects, Canva.

ERP: Idempiere.

Data Visualization: Looker Studio.

Non-Technical Skills: Teaching, Creative Thinking, Campaign Strategic Planning, Analysis, Data Visualization.