DIMYATI

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A highly motivated graduate in Mathematics Education with a passion for data and analytics. Seeking entry-level opportunities in a dynamic company. Possesses strong problem-solving skills and a commitment to hard work. Eager to learn from professionals and contribute to the success of the team.

WORK EXPERIENCE

Certified Online Tutor [Freelance]   Oct 2022 - Jul 2024
Snapask   Jakarta, Indonesia
- 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.

Health System Analyst [Project-Based Virtual Intern]   Apr 2024 - May 2024
KlinikGo x Rakamin Academy   Jakarta, Indonesia
- Performed tasks related to the Software Development Life Cycle (SDLC) including flowcharts creation 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.

Business Development Officer [Project-Based Virtual Intern]   Nov 2023 - Dec 2023
Legalku x Rakamin Academy   Jakarta, Indonesia
- 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.

Learning Designer [Project-Based Virtual Intern]   Oct 2023 - Nov 2023
Kompas x Rakamin Academy   Jakarta, Indonesia
- 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.

Digital Marketing [Project-Based Virtual Intern]   Sep 2023 - Oct 2023
Erajaya x Rakamin Academy   Jakarta, Indonesia
- 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.

Coding Competition Coach (Python)   Feb 2023 - May 2023
SMP IT Al-Husein   Banten, Indonesia
- 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.

Business Intelligence Analyst [Project-Based Virtual Intern]   Oct 2022 - Nov 2022
Bank Muamalat x Rakamin Academy   Jakarta, Indonesia
- 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.

Tutor [Freelance]   Jan 2022 - May 2022
Private Tutor   Jakarta, Indonesia
- 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.

Apprentice Moderator ⬀   Sep 2020 - Feb 2022
Brainly Indonesia   Jakarta, Indonesia
- 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.

Tutor [Freelance]   Jan 2020 - Jul 2020
Private Tutor   Jakarta, Indonesia
- 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.

Mathematics Teacher [Intern]   Sept 2019 - Nov 2019
MAN 2 Kota Serang   Banten, Indonesia
- 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.

Sales   Mar 2017 - Mar 2018
Sosis Bakar Madu   Banten, Indonesia
- 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.

Tutor [Freelance]   Dec 2015 - Apr 2016
Private Tutor   Jakarta, Indonesia
- 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.

ORGANIZATIONAL EXPERIENCE

Head of Mentoring Coordination Body LSP FKIP   Jan 2019 - Dec 2019
LSP MPK UNTIRTA   Banten, Indonesia
- 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%.

Head of Cadre and Human Resources Department   Jan 2018 - Dec 2019
L-SIP FKIP UNTIRTA   Banten, Indonesia
- 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.

EDUCATION

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

PROJECT PORTFOLIO

Motion Graphic Video Resume ⧉
- 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 ⧉
- Developed an app to solve social arithmetic problems with a user-friendly interface using Android Studio.
- The ASMat app provides solutions to social arithmetic problems and practice exercises to support learning.

Water Quality Monitoring with Wokwi ⧉
- 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 and displays the water temperature and pH levels in real-time.

Fly Hatchery Monitoring Simulation ⧉
- 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 ⧉
- 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 ⧉
- 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 ⧉
- Conducted a comprehensive analysis of employee churn data and identified key factors contributing to employee turnover rates.
- Presented findings through interactive visualizations to enable HR teams to implement focused retention strategies.

User Funnel Analysis ⧉
- 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) to help 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 and improved 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 and improved 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% and provided 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 to allow efficient management of inventory, transactions, and customer data.
- Created an 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 XLAxiata**
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.