

RAVEN KONGNANDO LASHER

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CAREER OBJECTIVE

Aspiring data professional with a strong academic background in Computer Science and Mathematics, passionate about solving real-world problems using data. Open to opportunities in data analysis, data science, or machine learning roles where I can apply analytical thinking, coding, and modeling skills to deliver impactful insights and intelligent solutions.

PROFILE SUMMARY

Double-degree graduate in Computer Science and Mathematics with practical experience in data analysis, dashboard creation, and foundational machine learning. Proficient in SQL, Python, Tableau, and Looker Studio. Optimized ETL and data pipelines during internship with up to 30% efficiency improvement. Comfortable working across teams and transforming complex data into actionable insights.

SKILLS

- **Data Skills:** Data Cleaning, EDA, Dashboarding, KPI Analysis, Predictive Modeling
- **Programming & Data Tools:** Python (pandas, seaborn, matplotlib, scikit-learn), R, SQL (MySQL, PostgreSQL), Google BigQuery
- **BI & Visualization Tools:** Tableau, Power BI, Looker Studio, Excel
- **Other Tools:** Spring Boot, SSIS, Postman, Git, HTML/CSS, JavaScript
- **Soft Skills:** Analytical Thinking (ETL optimization), Communication (95% mentoring success), Team Collaboration (cross-functional project work), Leadership (event organization)
- **Languages:** Indonesian (Native), English (IELTS 6.0)

PROJECT EXPERIENCE

MACHINE LEARNING PROJECTS

Mar 2025

- **Titanic Survival Prediction:** Built binary classifier using **Logistic Regression**; compared performance between **RapidMiner** and **Python** with evaluation via confusion matrix and feature importance.
- **Iris Flower Classification:** Used **Random Forest** in **Python** (100% accuracy) and cross-validation (~96%) to classify species; visualized key features.
- **Breast Cancer Diagnosis:** Combined **PCA** with **K-Nearest Neighbors (K=5)** to classify tumors; reduced features from 30 to 10 (95% variance retained); evaluated with 5-fold cross-validation and achieved 94% accuracy report

PERFUME SALES ANALYSIS

Nov 2024

- Cleaned and transformed 2,000-row e-commerce dataset
- Built Tableau dashboards to explore sales trends, brand popularity, gender segmentation
- Delivered actionable recommendations for pricing and inventory strategy

SALES PERFORMANCE ANALYSIS WITH GOOGLE LOOKER STUDIO

Mar 2023

- Created interactive visualizations, including sales trends, regional distribution, and segment performance.
- Developed key performance indicators (KPIs) such as Total Sales, Total Profit, ARPU, and ARPP to assess business performance.
- Identified high-profit sub-categories and seasonal sales trends to support strategic decision-making.

WORK EXPERIENCE

PT BCA FINANCE – Jakarta, Indonesia

Application Developer Intern

Sep 2023 – Feb 2024

- Developed ETL workflows using SSIS and managed SQL Server processes to ensure data quality
- Built Spring Boot-based RESTful APIs and collaborated with front-end via CodeIgniter4
- Worked closely with QA and engineering teams to streamline deployment and bug fixing

Achievements:

- Improved data integration efficiency by 30% through optimized ETL design
- Reduced system latency by 25% with optimized backend API implementation
- Increased project delivery effectiveness by 20% through data process analysis

BINA NUSANTARA UNIVERSITY – Jakarta, Indonesia

Education Mentor

Aug 2021 – Jan 2022

- Mentored 45+ first-year students in Discrete Mathematics; developed exercises and guided learning

Achievements:

- Led students to achieve a 95% improvement in comprehension and academic performance.

EDUCATION

BINA NUSANTARA UNIVERSITY

Master's in Computer Science specialization in Data Science – Currently GPA 4.00

Nov 2024 – Present

Courses: Internet of Things (IoT), Big Data Analytics, Business Intelligence and Analytics, Machine Learning, Deep Learning and its Application

BINA NUSANTARA UNIVERSITY

Bachelor's in Computer Science and Mathematics - GPA 3.72

Sep 2019 – Apr 2024

Courses: Probability and Statistics, Mathematical Statistics I, II, Applied Linear Algebra, Artificial Intelligence (AI), Data Structures, Database Systems, Computer Vision, Natural Language Processing (NLP), Applied Mathematics Modeling.

SMA NEGERI 1 GARUT

Majoring in Natural Science

JUL 2016 – Apr 2019

- **Achievement:** 2nd Top Scorer Bebras Indonesia Computational Thinking Challenge 2018 category Penegak.

CERTIFICATION

MICROSOFT CERTIFIED: AZURE AI FUNDAMENTALS

Microsoft

Apr 2024

- Completed certification covering AI workloads, computer vision, NLP, and conversational AI using Azure services.
- Practiced implementing basic AI solutions using Azure Cognitive Services.
- Introduced to ethical AI design, responsible AI, and scalable deployment within Microsoft's ecosystem.

GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATION

Google (Coursera)

Jul 2024

- Gained experience in formulating and answering analytical questions to support data-driven business decisions.
- Developed foundational and advanced data analysis skills, including data cleaning and transformation using tools like spreadsheets, SQL, and R, while creating interactive data visualizations in Tableau.
- Completed a full-cycle case study project, encompassing data collection, cleaning, analysis, and presentation.

DATA ANALYSIS: FULLSTACK INTENSIVE BOOTCAMP

MySkill Intensive Bootcamp

Mar 2023

- Developed foundational data analysis skills, including data formatting, cleaning, and validation, using tools like SQL and Python.
- Mastered SQL for data analysis, including basic clauses, business data analysis, and advanced functions such as subqueries and joins.
- Created impactful data visualizations and dashboards using Google Data Studio, enhancing data storytelling capabilities.

LEADERSHIP & VOLUNTEERING

HIMMAT (Mathematics Student Union) BINUS – Jakarta, Indonesia

Volunteer LDK-A HIMMAT 2023

Mar 2023

- Assisted the organizing committee in executing a successful leadership camp by serving as a backup MC and supervising activities for 20 students to make sure smooth event flow and participant engagement.

Human Resource Development Staff

Feb 2021 – Feb 2023

- Led the HIMMAT birthday event, supported other organizational events, and assisted the public relations division in creating article content.
- Managed recruitment and onboarding processes for new members, ensuring smooth integration into the organization.

MaTic (Mathematic and Statistic) Competition 2022 Committee

Feb 2022 – Aug 2022

- Served as part of the question team, managing competition questions and providing support to other divisions during the event.

Activist

Mar 2020 – Feb 2021

- Actively contributed to various events, including the Welcoming Party and HIMMAT Gathering, by volunteering, leading the interview team, designing posters, and managing documentation.
- Coordinated with team members to plan and execute events, ensuring smooth operations and successful outcomes.
- Provided logistical support, including venue setup, attendee registration, and post-event follow-up.

FIRST YEAR PROGRAM BINUSIAN (FYP) 2025 BINUS – Jakarta, Indonesia

Freshmen Partner

Sep 2021 – Jun 2022

- Guided and motivated freshmen to help them adapt to campus life, ensuring a smooth transition into college.
- Provided personal consultations to address students' concerns related to academic and social aspects of university life.
- Monitored freshmen's academic progress and offered constructive feedback to support their development.

Freshmen Leader

Aug 2021 – Sep 2021

- Assisted Computer Science & Mathematics B25 freshmen in adapting to campus life by explaining BINUS University facilities, academic programs, and curriculum during their first week.
- Facilitated orientation activities to help freshmen build connections and integrate into the campus community.
- Addressed freshmen's concerns by providing timely support and collaborating with other student leaders to ensure a smooth and comprehensive orientation experience.