Muhammad Zulfikar

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EXECUTIVE SUMMARY

Detail-oriented International Relations student with a strong foundation in global affairs and data analytics. Proven ability to deliver results independently and in team-based settings. Excellent communication skills demonstrated through presentations, interviews, and collaborative experiences. Proficient in data analysis tools such as Spreadsheets, Python, R, SQL, and PowerBI, with experience in data preprocessing, exploration, visualization, analysis, modeling, and interpretation. Skilled in field research, data collection, and stakeholder engagement. Seeking opportunities in data-driven decision-making roles and positions that leverage analytical and communication proficiencies.

PROFESSIONAL EXPERIENCES

Quantium | Data Science & Artificial Intelligence   **Jan - Feb 2024**
Data Analyst (Project-Based Virtual Internship)   Depok, Indonesia
- Conducted in-depth analysis of a dataset comprising over 400,000 rows across 300 stores, uncovering key purchasing behaviors and customer segments.
- Implemented experimentation and uplift testing methodologies, defining relevant metrics and assessing sales impact using analytics tools such as Python and PowerBI.
- Generated comprehensive client reports synthesizing data visualizations, actionable insights, and recommendations to drive informed business decisions.

Saiful Mujani Research and Consulting (SMRC) | Research and Consulting Service   **Dec 2023 - Jan 2024**
Surveyor / Data Collector   Depok, Indonesia
- Conducted field research and data collection activities, securing permits from 13 local authorities in Sukatani, Depok.
- Engaged with over 10 citizens through detailed interviews, each involving more than 50 questions, with the aim of promoting awareness of democratic principles.
- Organized and digitized 1000+ interview records, facilitating subsequent analysis and reporting processes.

Department of International Relations, Universitas Pembangunan Nasional Veteran Jakarta   **Aug 2021 - Jan 2022**
Teaching Assistant (for Indonesian Language program, under the supervision of Dr. Nini Ibrahim)   Jakarta, Indonesia
- Prepared technical classroom materials and tracked attendance for 40+ students.
- Facilitated communication between students and the lecturer, actively addressing concerns and providing academic guidance to enhance learning outcomes.
- Managed group assignments, organized submissions, and streamlined the grading process to maintain academic efficiency.

EDUCATION

Universitas Pembangunan Nasional Veteran Jakarta   **2021 - Present**
Undergraduate in Social Science, International Relations   Jakarta, Indonesia
- **GPA:** 3.71 / 4.00.
- **Relevant Courseworks:**
  - Big Data in International Relations.   - Global Economics.
  - Quantitative Research.   - International Law.
  - Foreign Policy Theories and Analysis.   - Conflict Resolution.
- **Relevant Project:**
  - Developed an R script to scrape PDF journals from Google Scholar↗, and conducted sentiment analysis in RStudio↗ on the collected papers related to the US presidential election. (Big Data in International Relations course).

ORGANIZATIONAL EXPERIENCES

Himpunan Mahasiswa Hubungan Internasional, Universitas Pembangunan Nasional Veteran Jakarta   **2021 - 2023**
Member of Youth Development Department   Jakarta, Indonesia
- Successfully executed over 10 workshops, competitions, and seminars, directly impacting the academic and personal growth of 50+ students within the major.
- Took initiative in identifying, recruiting, and coordinating the involvement of 10+ experienced student mentors across various areas such as Model United Nations (MUN), academic writing, and debate programs, enhancing the learning experience and skill development opportunities for peers.
- Strategized and implemented a social media content roadmap, promoting collaboration and knowledge-sharing, thus contributing to the overall engagement and visibility of the organization.
- Acknowledged with the prestigious "Best Division Award" in recognition of exceptional performance and significant contributions to the organization.

VOLUNTEER EXPERIENCES

IR Exhibition - HIMAHI UPNVJ | Paper, Essay, and Debate Competition   **Oct 2022**
Public Relations Staff   Jakarta, Indonesia
- Secured partnerships with 5+ media outlets and student organizations for event sponsorship and promotion.
- Organized a speaker series featuring 5 professionals, attracting an audience of over 100 participants.

VETAMUN (Veteran Jakarta Model United Nation) - HIMAHI UPNVJ | Model United Nation   **Sep 2022**
Technical Affairs Staff   Jakarta, Indonesia
- Ensured seamless technical operations by overseeing the setup, maintenance, and troubleshooting of audiovisual equipment and support systems during a Model United Nations event with over 100 participants.
- Diagnosed and resolved technical issues, provided comprehensive guidance to participants, and managed multimedia aids.

IRONMAN 4.0 - HIMAHI UPNVJ | Student Orientation Program   **Aug 2022**
Logistic Staff   Jakarta, Indonesia
- Planned and executed logistics for a student orientation event with 300+ attendees, managing equipment setup, material distribution, and venue preparation.
- Served as a frontline resource, providing prompt logistical support, addressing inquiries, and proactively resolving issues.

HI VISIT - HIMAHI UPNVJ | Comparative Studies Events   **Jul 2022**
Event Organizer Staff   Jakarta, Indonesia
- Organized and led 3 virtual meetups with International Relations organizations from another campuses.
- Developed engaging online programs and facilitated networking for 50+ attendees per meetup, promoting cross-institutional collaboration.

COURSES AND CERTIFICATIONS

CS50's Computer Science↗ | Harvard University   **May 2024**
- Learned fundamental concepts of computer science and programming in 11 weeks, including Scratch, C, arrays, algorithms, memory, data structures, Python, and artificial intelligence.
- Gained proficiency in SQL for database management and queries, and built web applications using HTML, CSS, JavaScript, and Flask. Explored cybersecurity principles and practices.
- Completed a final project by building a note-taking website↗ in Vue.js. GitHub↗

UN Sustainable Development Framework↗ | United Nations System Staff College   **Apr 2024**
- Gained a comprehensive understanding of the UN Sustainable Development Cooperation Framework (UNSDCF) and its role in achieving the 2030 Agenda and Sustainable Development Goals (SDGs).
- Studied interactive modules covering key stages of UNSDCF design and implementation, including planning, roadmap creation, and common country analysis (CCA).
- Completed a final assessment and an individual reflection exercise.

Machine Learning Developer Path↗ | Dicoding, DBS Foundation   **Mar 2024**
- Prepared to become a Machine Learning Developer, followed a curriculum developed by Dicoding in collaboration with IBM, Google, and industry experts.
- Completed courses in Data Visualization, Python Programming, and Machine Learning.
- Developed a Python-based machine learning model to classify hand gesture images. GitHub↗

Google Data Analytics Professional Certificate (3/8)↗ | Google, Coursera   **Feb 2024 - Present**
- Immersed in the practices and processes used data analysts, focusing on key analytical skills such as data cleaning, analysis, and visualization.
- Learned to use analytical tools including spreadsheets, SQL, R, and Tableau for organizing and analyzing data.
- Developed skills to visualize and present data findings through dashboards, presentations, and commonly used visualization platforms.

Microsoft Azure Data Fundamentals↗ | Microsoft, Digital Talent Scholarship   **Feb 2024**
- Gained foundational knowledge of core data concepts such as relational, non-relational, big data, and analytics.
- Explored Microsoft Azure data services, including relational databases, Azure storage for non-relational data, and Azure Cosmos DB.
- Learned about large-scale data warehousing, real-time analytics, and data visualization within the Microsoft Azure ecosystem.

Data Analysis with Python↗ | IBM, Cognitive Class   **Jan 2024**
- Learned to use Python and popular libraries like pandas, scikit-learn, and numpy for data analysis, including importing datasets, cleaning and preparing data, and manipulating DataFrames.
- Gained skills in summarizing data, performing statistical analyses, and building machine learning models to predict future trends.
- Developed proficiency in creating data pipelines and visualizing data through hands-on labs and assignments.

PROFICIENCIES

- **Languages:** Indonesian (Native), English (Proficient).
- **Soft Skills:**
  - Analytical Thinking.   - Presentation and Interview.
  - Attention to Detail.   - Time Management.
  - Communication.   - Collaboration and Teamworking.
  - Problem-solving.   - Adaptability and Flexibility.
- **Technical Skills:**
  - Office Suite   : Microsoft Office 365, Google Workspace, LibreOffice.
  - Data Analysis   : Spreadsheets, Python, R, IBM SPSS, SQL (Microsoft SQL Server, Google BigQuery).
  - Data Visualization : Microsoft Power BI, Tableau, Google Looker Studio, Python (Matplotlib, Seaborn).
  - Web Development   : HTML, CSS, JavaScript, Flask, Vue.js, Firebase, GitHub Pages, Cloudflare Pages.
  - Research/Analysis : Academic Writing, Critical Review, Foreign Policy Analysis, Technical Reporting.
  - Other Skills   : Data Collection, Web Scraping, Toubleshooting, Linux, Version Control (Git), Canva.