

# MUHAMMAD RAMDHANI

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I am a fresh graduate majoring in Information Systems with 2 years experience in the data field, including 1.5 years as a Data Analyst Intern at Mercu Buana University, and 6 months as a Data Processing Intern at Marketing Research Indonesia. Proficient in using Google Spreadsheet, Excel, and Google Appscript WebApp, and has the ability to export real-time data and create real-time dashboards using Looker or Tableau. I am also capable of using Python and R to perform statistical analysis, data scraping, sentiment analysis, and emotion prediction.

# **Work Experiences**

#### Marketing Research Indonesia - South Jakarta, DKI Jakarta Data Analyst Intern

Nov 2023 - Now

- Manage survey scripts with LimeSurvey, Google Forms, and Survey To Go, and carry out monitoring to detect data gaps using spreadsheet formulas.
- Build real-time interactive dashboards using Looker Studio or Tableau to support division and client decision making.
- Designed data upload templates using spreadsheet formulas and Google AppScript, and uploaded survey data to internal applications to maintain data quality.
- Analyze survey results using statistical methods requested by the research analyst with R or Python.
- Scrapping data from the Google Play Store and websites using Selenium and Python, pre-processing text such as case folding, slanking, and stopwords removal, and analyzing sentiment and emotion prediction of text using the Hugging Face model.

# Universitas Mercu Buana-Biro Karir, Hubungan dan Penelusuran Alumni – West Jakarta, DKI Jakarta Data Analyst Intern

Apr 2022 - Nov 2023

- Create a one-stop system for alumni validation to fill in the Alumni Tracer Study and automatically generate data blast templates for alumni who have not filled out the tracer study using Google WebApp Appscript and Forms.app.
- Process and visualize Tracer Study data over five years into real-time diagrams and tables according to the accreditation requirements of each study program.
- Provides real-time analytical dashboards and creates weekly reports on alumni search results.
- Integrate alumni data with tracking results using Appscript and Spreadsheet Formulas such as Query, If, Vlookup, Sumifs, Countifs, Indexmatch, Importrange, and others.
- Contribute to website development by designing future architecture such as sitemap, BPMN, UML (Use Case, Activity Diagram, and Class Diagram).

#### **Education**

Mercu Buana University - West Jakarta, DKI Jakarta 🗹

Sep 2019 - Aug 2023

- Chief Executive of Ruang Karya 2022: National UI/UX Workshop and Competition  ${\ensuremath{ \mbox{C}}}$ 

### Organization

# BEM Faculty of Computer Science, Mercu Buana University - West Jakarta, DKI Jakarta 🗹

Oct 2021 - Jun 2022

Member of the Scientific Division – Chief Executive of Ruang Karya 2022

 Coordinating all divisions including decision making, overall event planning, as well as communication and coordination with all internal and external parties.

Information Systems Student Association, Mercu Buana University - West Jakarta, DKI Jakarta ♂ Member of the Religious Division - Secretary Bukber Ramadhan Information Systems

Oct 2020 - Jun 2021

#### Skills

- Soft Skills: Analytical, Thorough, Time management, Teamwork, Problem solver.
- Office & Design: Microsoft Office, Google Suite, Bizagi Modeler, draw.io.
- Analysis: Query, Formula, Charts, BPMN, UML.
- Programming: Appscript, Python, Selenium, R, SQL, PHP, Javascript.
- Tools: Spreadsheet, Excel, Looker Studio, Tableau
- Programming Tools: Google Apps Script WebApp, Google Collab, VS Code, R Studio.

## Sertification

- Database Design ♂ (2021): Oracle Academy
- PL/SQL Database Programming 
  ☐ (2021): Oracle Academy
- PCAP: Programming Essentials in Python 2 (2023): Cisco Networking Academy & OpenEDG Python Institute

# **Projects**

- Analisis Sentiment Banks ☑
- Dashboard Orders Report ☑

### Language

- Indonesia
- English (Intermediate level)