Nikki **Satmaka**

DATA SCIENTIST · QUANTITATIVE INVESTMENT ANALYST

Jakarta, Indonesia

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"One machine can do the work of fifty ordinary men. No machine can do the work of one extraordinary man."

Education

Hacktiv8   *Jakarta, Indonesia*

FULLTIME DATA SCIENCE BOOT CAMP   *Apr 2022 - Jul 2022*

- Final project theme: Fintbot - Fintech Chatbot (Repository)

PPM School of Management   *Jakarta, Indonesia*

B.ACC. IN BUSINESS ACCOUNTING (GPA: 3.74)   *Sep 2011 - Oct 2015*

- Thesis theme: Financial and Non-Financial Factors Effect on Bond Ratings

Skills

Domain Expert	Finance, Investment, Math, Statistics
Data Science	NumPy, Pandas, Scikit-learn, Tensorflow, Keras
DevOps	Docker
Back-end	Flask
Database	SQL, Google Cloud Platform BigQuery
Programming	Python, Bash, LaTeX
Tools	Linux, Windows, MacOS, Visual Studio Code, Vim, Emacs, Google Data Studio, Heroku
Languages	English (IELTS Band 8.0), Indonesian
Interests	Chess, Powerlifting, Musical Theatre

Work Experience

PT Paman Ryan Indonesia   *Jakarta, Indonesia*

INVESTMENT ANALYST   *Mar 2022 - Present*

- Perform financial market research
- Conduct public workshops, seminars, and online webinars
- Create company presentations and courses
- Create market outlooks

9Academy Pte. Ltd., Member of FXPRIMUS Group   *Jakarta, Indonesia*

TRAINING MANAGER   *Nov 2020 - Jan 2022*

- Perform financial market research
- Conduct public workshops, seminars, and online webinars
- Create company presentations and courses

PT Bursa Akselerasi Indonesia, Member of SF Capital   *Jakarta, Indonesia*

BUSINESS DEVELOPMENT   *Sep 2018 - Nov 2020*

- Evaluate, authorize, or recommend approval of credit loans to management.
- Analyze applicants' financial status, credit, and property evaluations to determine feasibility of granting loans
- Conduct public presentations regarding crowdfunding and peer-to-peer lending in accordance to The Financial Services Authority (OJK) Regulation.
- Review, design, and improve the system together with the IT development team
- Maintain relationship with partners and users

PT Gaya Motor, Member of Astra
FINANCE SUPERVISOR

Jakarta, Indonesia

Jan 2017 - Sep 2018

- Oversees the financial management of the company along with analysis of financial information.
- Manage account payables and receivable activities in a timely manner.
- Forecast cash flow positions, related borrowing needs, and funds available for investment
- Address financial issues and inquiries from internal and external customers
- Maintain banking relationship
- Ensure company's assets are fully insured
- Calculate assembly fee to ensure the business would have adequate margins

Gama Plantation
TREASURY STAFF

Jakarta, Indonesia

Jan 2016 - Dec 2016

- Create daily and quarterly market insights report
- Execute currency exchange trades
- Predict how the markets would move
- Monitor hedge positions
- Create and update Mark-to-Market report

Allianz Life Indonesia
BUSINESS EXECUTIVE

Jakarta, Indonesia

Jan 2015 - Dec 2015

- Develop a database by using referrals, occupational, and communities to compile lists of prospects.
- Approach potential clients by utilizing emails, phone calls, and prospecting tools
- Identify clients' specific needs and financial situation by means of fact-finding appointments
- Develop a personalized protection plan based on clients' needs

PwC Indonesia
RISK ASSURANCE SERVICES - VOCATIONAL EMPLOYEE

Jakarta, Indonesia

Dec 2014 - Jan 2015

- Perform CAATs using audit software such as ACL (Audit Command Language) and Microsoft Excel
- Ensure the system-generated General Ledger balance has the same amount as the manually calculated one
- Check the journal records to see if there are any unusual entries based on the criteria provided by the Financial Audit team

Projects

Fake News Identifier
DATA SCIENTIST AND DEVELOPER

Jakarta, Indonesia

Jun 2022

- Notebook
- Web-app
- My milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice NLP classification using neural network machine learning model
- Tools used: Tensorflow, Keras, NumPy, Pandas, Seaborn, Streamlit, Flask, Heroku

Sticky Customers Operation
DATA SCIENTIST AND DEVELOPER

Jakarta, Indonesia

Jun 2022

- Notebook
- Web-app
- My milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice neural network machine learning model
- Tools used: Tensorflow, Keras, NumPy, Pandas, Seaborn, Streamlit, Flask, Heroku

Den Den Mushi Campaign
DATA SCIENTIST AND DEVELOPER

Jakarta, Indonesia

Jun 2022

- Notebook
- Web-app
- My milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice supervised machine learning model
- Tools used: Scikit-learn, NumPy, Pandas, Seaborn, Streamlit, Flask, Heroku

The Look Commerce Report
DATA SCIENTIST

Jakarta, Indonesia

Jun 2022

- Google Data Studio
- My project during my time at Revou Mini Course – Intro to Data Analytics
- This project was done to practice SQL BigQuery and Google Data Studio
- Tools used: SQL, Google Data Studio, GCP BigQuery

Supermarket Sales Analysis

Jakarta, Indonesia

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Apr 2022

- Notebook
- Web-app
- My first milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice exploratory data analysis (EDA), visualization and statistical tests.
- Tools used: NumPy, Pandas, Seaborn, Plotly Streamlit, Heroku

Writing

Quantitative Finance is Now for Everybody

Medium.com

Cᴏ-Aᴜᴛʜᴏʀ

Jun 2022

- An article on medium.com

Simple Trading Simple Investing

Indonesia

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Feb 2021

- A book about trading and investing
- Goodreads