

# **Yosafat**

Bandung, Indonesia | +6289694416275 | [yosafatcrypter@gmail.com](mailto:yosafatcrypter@gmail.com) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## **SUMMARY**

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I am a Computer Science student with major skills in web scraping, data analysis, and data visualization. Currently working as Data Analyst at the Data Center of Universitas Pendidikan Indonesia. Active in organization as Curriculum Core Team at Google Developer Student Club (GDSC) Universitas Pendidikan Indonesia. Experienced in the organization for 2 years and actively lead and collaborate in teams.

## **WORK EXPERIENCES**

### **Pusat Data UPI**

*Data Analyst*

**Bandung**

*July 2022 - now*

Freelance

- Data Report: created an EDA document containing profile visualization and publication scores of lecturers for each faculty of Universitas Pendidikan Indonesia. [Report](#)
- Topic Modeling: created a topic modeling program to determine lecturer research topics based on publication titles using the [KeyBERT](#) unsupervised keyword extraction approach. [Repository](#)
- Data Scraper: Created a bot scraper program using [Scrapy](#) and [Selenium](#) to retrieve data from SINTA and PDDIKTI websites.
- Maintained a large data, resolve and report data issues on a regular basis.

## **PROJECT EXPERIENCES**

### **Exploratory Data Analysis SINTA**

A Data Exploration and Visualization project to find new insights and knowledge on score data from scientific publications of institutions in Indonesia then represented in data visualization.

*Tech Stack* : Anaconda 3, Jupyter Notebook

*Library* : Pandas, Seaborn, Matplotlib, etc.

[Github Repository](#)

### **Stock Analysis and Forecasting**

A Machine Learning project to forecast stock prices using the Long-Short Term Memory (LSTM) algorithm.

*Tech Stack* : Anaconda 3, Jupyter Notebook

*Library* : TensorFlow(LSTM), Pandas, NumPy, etc.

[Github Repository](#)

### **Topic Modeling**

A Machine Learning NLP project to extract research topics based on publication titles using KeyBERT unsupervised keyword extraction approach.

*Tech Stack* : Anaconda 3, Jupyter Notebook

*Library* : KeyBERT, Pandas, NLTK

[Github Repository](#)

### **SINTA Scraper**

A program to retrieve university data and publication scores on the SINTA website using Scrapy.

*Tech Stack* : Visual Studio Code

*Library* : Python, Scrapy

[Github Repository](#)

## **Lecturer Data Visualization**

A Data Visualization project to visualize lecturer data descriptively anonymously using Tableau and Excel.

Tools : Tableau, Excel

[Attachment](#)

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## **EDUCATION**

### **Universitas Pendidikan Indonesia**

*Computer Science Bachelor Degree*

Current GPA: 3.90

**Bandung**

*Sept 2020 - now*

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## **ORGANIZATION**

### **Google Developer Student Club**

*Curriculum Core Team*

**Bandung**

*Oct 2022 - now*

- Created a Study Jam plan for a member's event for 3 months.

- Formulated material and timeline for Study Jam with more than 50 participants.

### **ClubInk**

*Leader*

**Bandung**

*Feb 2022 - Jan 2023*

- Created a work system and designed more than 5 work programs for one year.

- Collaborated with more than 10 committees to carry out work programs.

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## **TECHNICAL SKILL**

Programming : Python, R, SQL.

Database : MySQL, PostgreSQL, MongoDB, Cassandra.

Tools : Jupyter Notebook, Tableau, Google Data Studio, Excel.

Data Scraping : Scrapy, Selenium.

Machine Learning : Long-Short Term Memory (LSTM), KeyBERT, XGBoost.

Relevant Skill : Data Analytics, Data Visualization, Web Scraping, Machine Learning

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## **SOFT SKILLS AND INTEREST**

Soft Skill : Presentation, Collaboration, Management, Communication.

Interest : Finance, Stocks, Movies.



# Yosafat

## Data Analyst

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## WORK EXPERIENCES

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Jul 2022 – now

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#### Repository

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#### Repository

## CONTACT



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0896-9441-6275



[LinkedIn](#)



[GitHub](#)



[Portfolio](#)



Bandung, Indonesia

## ORGANIZATION

### Curriculum Core Team – GDSC UPI

Oct 2022 – now

- Created a Study Jam plan for a member's event for 3 months.
- Formulated material and timeline for Study Jam with more than 50 participants.

## TECHNICAL SKILLS

### Programming

Python, R, SQL

### Database

MySQL, PostgreSQL, MongoDB, Cassandra

### Tools

Jupyter Notebook, Tableau, Excel

### Data Scraping/Crawling

Scrapy, Selenium

### Machine Learning Model

Long-Short Term Memory (LSTM), KeyBERT, XGBoost

## SOFT SKILLS & INTERESTS

### Soft Skills

Presentation, Collaboration, Management, Communication

### Interests

Finance, Stocks, Movie

## EDUCATION

Universitas Pendidikan Indonesia

Computer Science

Current GPA: 3.90