

Summary

A third year student studying at Telkom University majoring in Multimedia Technology and Engineering with a passion for data analytics, machine learning, and software engineering. I enjoy prototyping and building a real-world application that delivers value. I am also a lifelong learner who always loves to learn various things on technology especially software development, data analytics, and artificial intelligence.

Education

B.A.Sc in Multimedia Technology (related to CS) Telkom University	Aug 2018 - Expected Graduation 2022
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- **Current GPA:** 3.91/4.0
- **Activities:** Software Engineer Member at Proclub Telkom University, Laboratory Assistant at Multimedia Research Laboratory
- **Relevant Coursework:** Algorithm and Data Structure, Object-Oriented Programming, Computer Graphics and Image Processing, Web Programming, Database, Discrete Mathematics, Calculus.

Experience

Algorithm and Data Structure Teaching Assistant – Telkom University Bandung, Indonesia	Aug 2019 - Dec 2019
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- Tutored 100+ students, taught C++, basic algorithm, and data structure concepts.
- Assists students with practicums, homework, projects, and provides feedback on student assignments.
- Created learning modules and problems set about a multidimensional array.

Junior Mobile Programmer Trainee – VSGA, Digital Talent Scholarship Bandung, Indonesia	Jul 2019 - Aug 2019
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- Learned cutting edge concept of mobile apps development and passed Junior Mobile Programmer professional certification exam held by Indonesian Professional Certification Authority and Ministry of Communication and Information Technology

Honors and Awards

Top 6 Finalist, Computing Competitive Programming Computing Laboratory Telkom University	December 2019
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- University Level ACM-ICPC style programming competition for undergraduate students at Telkom University.

First Place, SEARCH Regeneration Mobile Apps Competition UKM SEARCH Telkom University	February 2019
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- Presented “adeal”, an application concept that connects plantation, farm, or livestock owner to SME owner who needs raw material for their production.

Awardee, Jalur Prestasi Unggulan (JPU) Scholarship Telkom University	April 2018
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- Awarded to receive a full scholarship from Telkom University targeted for students who achieve a high score in Telkom University Entrance Examination (Tes Masuk Jalur Prestasi Unggulan).

Selected Projects

rock-paper-scissors Image Classification.	http://gg.gg/RPSImageClassification
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- **Tech Stack:** Python, Google Colaboratory, Tensorflow, Keras, Matplotlib, NumPy.
- Created an image classification model using CNN, achieving 94% accuracy.

Studi Kasus Data World Happiness Report 2019	http://gg.gg/WHR2019
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- **Tech Stack:** Python, Kaggle Jupyter Notebook, Pandas, Seaborn, Matplotlib, Scikit-Learn.
- Create a visualization using Seaborn to discover insight from the dataset.
- Conducted regression and correlation analysis to examine relationships between happiness score and six key variables.
- Conducted comparative analysis to compare data in every continent, and country income group.

kasieris	https://github.com/teguhdarajat/kasieris
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- **Tech Stack:** PHP, MySQL, JQuery
- Build a web-based point of sale application with several features like QR Code scanner, simple report, Inventory counts, customer report.

Skills and Interests

Languages:

- **Experienced:** C++, PHP, Python
- **Familiar:** Go, Javascript

Tech Stacks:

- **Experienced:** Jupyter, MySQL, Git Version Control
- **Familiar:** Pandas, Scikit-Learn, Matplotlib

Interest: Software Engineering, Machine Learning, Games Development, Data Science and Analytics.
Hobbies: Skygazing, Poker, Playing classic games, Watching political movies, or series.