



# SIE DETA DIRGANJAYA

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## SUMMARY

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I am a Computer Science student at Dian Nuswantoro University with a strong interest and passion for Data Science and Machine Learning. I am always striving to improve my skills and knowledge through self-study and online courses. I am currently participating in UDINUS's Batch 2022 Flagship Program, an acceleration program for high-achieving students. Additionally, I work as a freelancer, eager to collaborate on exciting and challenging projects.

## EXPERIENCE

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### Full Stack Developer, Toko Tangga Johar

- Building website-based E-Commerce applications
- Building UI and UX for guest and admin pages using HTML, CSS, and Javascript with Bootstrap framework
- Setting up the database using PHP with the Laravel framework
- Designing databases using MySQL.

### Data Scientist, CV Sanjaya Utama

- Building website-based Item Pair Promo Maker applications
- Using Association method, Apriori algorithm to discover customer transaction patterns
- Building a system recommendations for item pair promotions based on transaction data
- Create a visualization system for monitoring company transactions

### Machine Learning Engineer, Dian Nuswantoro University

- Building website-based real-time face emotion detection applications
- Using Deep-Learning CNN model, OpenCV, and Streamlit Framework
- The success rate for detecting facial expressions is on average 90%

## EDUCATION

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### SEDES SAPIENTIAE SENIOR HIGH SCHOOL

2019-2022

Marsudirini Foundation

- Major in Science.

### DIAN NUSWANTORO UNIVERSITY

2022-Now

Bachelor of Information Engineering

- Major in Computer Science
- Universitas Dian Nuswantoro's Flagship Programs Batch of 2022
- Journal of Enhancing Steganography through Modified OFB Utilization for Robust Encryption

## ADDITIONAL INFORMATION

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- **Technical Skills:** Data Science, Machine Learning, Database, Web Development.
- **Languages:** English, Indonesia.
- **Certifications:** The Complete 2023 Web Development Bootcamp by Dr. Angela Yu, Laravel: Beginner to Advanced by Programmer Zaman Now, Basic Training for Next Generation Website 2022, Basic Training for Next Generation Mobile 2022, Basic Training for Next Generation Network 2023.
- **Organization:** Google Developer Student Club UDINUS, Dian Nuswantoro Computer Club