

Andreas Ignasius

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Portfolio: <https://andreasig.github.io/Portfolio/>

PROFILE

Master's in Data Science (High Distinction, Deakin University) with a bachelor's in Computer Science from Bina Nusantara. Awarded Best Research Paper at ICCSCI 2021 and former Data Scientist at Telkom Indonesia, where I built a full pipeline of computer vision and multi-class Machine Learning models. Certified in Microsoft Azure AI, with experience deploying machine learning solutions in cloud environments. Eager to use data to solve meaningful problems and excited to bring my skills to projects that make a real impact across industries.

EDUCATION

Master of Data Science (Professional)

November 2023 – June 2025

Deakin University, Burwood, Australia

Major: Master of Data Science (Professional)

- Achieved:
 - Graduated with High Distinction.
 - Awarded International Scholarship.

Bachelor of Computer Science

August 2019 – August 2023

Bina Nusantara University, Tangerang, Indonesia

Major: Computer Science (Global Class)

- Achieved:
 - Graduated with GPA of 3.85 / 4.00.
 - Best Research Paper award at ICCSCI 2021.
 - Thesis title of "DEVELOPMENT OF WEB-BASED BOARDING HOUSE MARKETPLACE AND MANAGEMENT APPLICATION USING VILT STACK".

EMPLOYMENT HISTORY

Pet Sitting

March 2024 – July 2025

Camp Paws, Melbourne, Australia

- Cared for pets with multiple households, managing feeding, walking, medication, and behavioural needs.
- Maintained regular communication with pet owners and provided daily updates and care reports.

Data Scientist

September 2022 – March 2023

Telkom Indonesia, Jakarta, Indonesia

- Developed computer vision project at Telkom Indonesia focused on employee face detection with an accuracy of 80 % across 1000 of employee faces.
- Created multi-class machine learning model, improving the accuracy and efficiency of data analysis processes for company specific procedure by 5-6% from previous model.
- Collaborated with cross-functional teams to gather requirements, ensuring alignment with business objectives and user needs.
- Provided comprehensive documentation integration and knowledge transfer for stakeholders.

Librarian

April 2019 – May 2019

Citra Kasih Grade School, Jakarta, Indonesia

- Managed loan requests, maintaining records, and coordinating library tasks such as photocopying and data entry.
- Catalog and shelf books, periodicals, and resources while conducting inventory checks for an organized collection.
- Support cataloging and processing new library acquisitions, ensuring efficient and comprehensive management.

TECHNICAL SKILLS

Programming Language | Python, SQL, R, Java

Python Libraries | PyTorch, TensorFlow, Pandas, NumPy

Web Development | VILT Stack, Flask

Cloud & DevOps | Microsoft Azure, Docker, Jenkins

Data Analytics & Visualization | Tableau, Power BI

Tools & Platforms | Microsoft Office Suite, Git, VS Code

Soft Skills | Collaboration, Critical Thinking, Problem-solving, Adaptability

PROFESSIONAL DEVELOPMENT

Microsoft Certified | Azure AI Engineer Associate – AI 102

May 2024

Microsoft

Microsoft Certified | Azure AI Fundamentals – AI 900

May 2024

Microsoft

Student Exchange Program at Kaunas University of Technology

January 2022 – July 2022

Kaunas University of Technology, Kaunas, Lithuania

Learn with Google AI | Explore ML

March 2022

Google

Best Research Paper Award at ICCSCI 2021

November 2021

6th International Conference on Computer Science and Computational Intelligence 2021

Finalist of SGU Mobile Application Programming Competition

August 2018

Swiss German University, Indonesia

VOLUNTARY EXPERIENCE

Teaching Volunteer

July 2018

Bojong Koneng, Bogor, Indonesia

- Instructed Grade 6th Elementary school of 30 students in preparation for Indonesia's national examination.
- Provided guidance and supervision for calisthenics exercises during Physical Education sessions.

REFEREES

Tryan Aditya Putra

Former Head of AI Platform in Telkom Indonesia
Telkom Indonesia

Email: tryan.aditya@aramco.com

Sutharshan Rajasegarar

Associate Professor Faculty of SEBE/SIT/DCR and
Innovation Centre

Deakin University

Email: sutharshan.rajasegarar@deakin.edu.au

Pualam Dipa Nusantara, S. Kom., M. Kom

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Bina Nusantara University

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Gill de Ciss

Owner of Camp Paws

Camp Paws

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