

JASON M. SETIADI

jason.setiadi@unsw.edu.au | +61 451885101 | Kingsford, NSW 2032
linkedin.com/in/jasonmsetiadi | github.com/jasonmsetiadi | jasonmsetiadi.github.io

EDUCATION

The University of New South Wales

Master of Philosophy in Computer Science & Engineering

Sydney, Australia

Sep 2025 – Sep 2027 (Expected)

- **Awards:** Research Training Program International (RTPI) Award

University of Minnesota – Twin Cities

Bachelor of Science in Statistics, Minors in CS and Math, GPA: 3.95/4.0

Minneapolis, U.S.A.

Sep 2020 – May 2022

- **Awards:** The Global Excellence Scholarship, Undergraduate Research Opportunities Program (UROP) Scholarship (2x)

Edmonds College

Associate of Arts in Statistics, GPA: 3.9/4.0

Seattle, U.S.A

Aug 2018 – Mar 2020

WORK EXPERIENCE

Data Scientist / Machine Learning Engineer

PT Lippo Karawaci Tbk [About]

Jun 2024 – Aug 2025

Tangerang, Indonesia

- Built an LLM-based input validation system for Lippo Land to reduce vendor invoice submission errors and payment delays.
- Digitized manual payment approval processing at Lippo Malls by developing an LLM-based OCR system.
- Developed an AI-integrated omnichannel customer-service platform for Aryaduta Hotels using Chatwoot and n8n.

Data Scientist / Machine Learning Engineer

DataOn Corp [About]

Feb 2023 – Jun 2024

South Tangerang, Indonesia

- Led ML/AI initiatives as the company's first data scientist, mentored four interns and helped grow the data science team.
- Automated HR reporting by using LLMs to analyze HR data and generate quarterly and annual insights. [Demo]
- Trained a machine learning model to forecast employee attrition and support retention planning. [Demo]

Product Management Intern

Altair Engineering [About]

Jun 2022 – Sep 2022

Troy, U.S.A

- Built a PoC for custom pre-/post-processing pipeline feature to ensure consistent data handling during training and inference.
- Documented PoC implementation including use cases, design decisions, and package comparisons.

PUBLICATIONS

- [1] **Jason Marcell Setiadi**, Xin Cao, and Lina Yao. Multimodal graph retrieval-augmented sequential recommendation via collaborative filtering paths. In *39th Australasian Joint Conference on Artificial Intelligence (AJCAI)*, 2026. [arXiv].
- [2] Kevin Miller, Jack Mauro, **J. Setiadi**, Xoaquin Baca, Zhan Shi, Jeff Calder, and Andrea L. Bertozzi. Graph-based active learning for semi-supervised classification of SAR data. In *Algorithms for Synthetic Aperture Radar Imagery XXIX*, 2022. [Code], [arXiv].
- [3] Harsh Kumar, Rahul Gupta, Divita Saraogi, Tomás Ahumada, Igor Andreoni, G C Anupama, Amar Aryan, Sudhanshu Barway, Varun Bhalariao, Poonam Chandra, Michael W Coughlin, et al., **J. M. Setiadi**, and Yuhan Yao. The long-active afterglow of GRB 210204A: detection of the most delayed flares in a gamma-ray burst. *Monthly Notices of the Royal Astronomical Society*, 2022. [Code], [arXiv].