

Contact

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Top Skills

Python
Java
C++

Languages

English (Full Professional)
Sinhalese (Native or Bilingual)

Certifications

Deep Learning Specialization
Applied AI with DeepLearning

Publications

Google Scholar

Dilantha Haputhanthri

Data Scientist @ PS Hummingbird
Bundoora, Victoria, Australia

Summary

- PhD in AI with five years' experience in Data Science, Machine Learning and Applied AI Research across Energy, Transportation and Healthcare.
- Designed and deployed Generative AI solutions at Telstra, improving customer satisfaction and engagement across multiple products.
- Deliver end-to-end Solar Power Generation analytics for the award-winning flagship AI platform of La Trobe University's net-zero initiative.
- Proficient in Azure, AWS, Databricks, and end-to-end delivery of Machine Learning and GenAI solutions.
- Published 15 Research papers/articles with 400+ citations on Google Scholar.

Experience

PS Hummingbird
Data Scientist
November 2025 - Present (8 months)
Melbourne, VIC

La Trobe University
4 years 2 months
Lecturer (Sessional Academic)
August 2022 - Present (3 years 11 months)
Melbourne, VIC

Delivering lectures and workshops for postgraduate coursework in BUS5WB - Data Warehousing and Big Data Analytics, BUS5001 - Cloud Platforms and Analytics and BUS5PR1 - Artificial Intelligence and Hyperautomation.

Doctoral Researcher
May 2022 - November 2025 (3 years 7 months)
Melbourne, VIC

Conducted doctoral research in energy-efficient Artificial Intelligence, focusing on Sparse Distributed Representations, Vector Symbolic Architectures, and Sparse Deep Learning.

Thesis: Sparse Distributed Representations for Energy-Efficient Artificial Intelligence

Telstra

Data Science Specialist

November 2024 - May 2025 (7 months)

Deployed GenAI solutions across multiple Telstra products, improving customer satisfaction, engagement and operational efficiency.

Centre For Data Analytics and Cognition

Data Scientist

January 2020 - November 2024 (4 years 11 months)

Melbourne, Victoria, Australia

Lead Solar Generation Analytics within La Trobe Energy Analytics Platform (LEAP) including generation forecasting and performance monitoring for 7500+ panels across multiple campuses.

Education

La Trobe University

Doctor of Philosophy - PhD, Artificial Intelligence · (2022 - 2025)

University of Moratuwa

Master of Science - MS, Computer Science · (2020 - 2021)

University of Moratuwa

Bachelor of Science (Hons.), Computer Science and Engineering · (2015 - 2019)