

Relevant Education:

- University of Adelaide - Bachelor of Computer Science with Honours (GPA 7/7) – Graduating June 2025
- Stanford University and DeepLearning.AI – Machine Learning Specialization Course
- DeepLearning.AI – Deep Learning Specialization Course

Awards:

- Adelaide University - Summer Research Scholarship

Experience:

Intern Modelling and Analysis Engineer (Software Engineer)

SAAB

11/2023-Present

- Developed and validated models to simulate and analyse defence systems.
- Utilized various machine learning algorithms.
- Languages used included C++ and Python.
- Used various basic electrical engineering principals.

Machine Learning Researcher

Australian Institute for Machine Learning

4/2023-Present

- Researched various machine learning algorithms.
- Various projects worked on included:
 - SVM's
 - Large Language Models
 - Neural Networks
- Currently working on a paper relating to Large Language Models.

Accountant

RJC Evans & Co Pty Ltd

4/2020 – 4/2023

- Prepared Income Tax Returns and Financial Statements
- Corresponded with Clients
- Conducted Audits
- General Office Admin

Community Engagement:

- Treasurer/Committee Member – Competitive Programming Society (Adelaide University)
- Student – Ravi's Study Program
- Player – Adelaide University Football Club
- Competitor - Competitive Programming Society (Adelaide University)
- Member - Adelaide Computer Science Club

Programming Languages:

Strong Competence:

- C++
- Python

Experience (Subjects in which they were utilised):

- Java (Distributed Systems)
- C (Introduction to Programming)
- MATLAB (Introduction to Programming)
- CSS/HTML (Web and Database Computing)
- MYSQL (Web and Database Computing)
- JavaScript (Web and Database Computing)

Projects:

- Python – Neural Network (Machine Learning) Algorithm not using any ML libraries that predicts the stock price of a stock based on information provided in its more recent quarterly report - <https://github.com/MWBruce/MachineLearningStockPricePrediction>
- C++ - Web scraper for share prices on the New York Stock Exchange - <https://github.com/MWBruce/DataModel>

Additional Education:

- University of Adelaide – Bachelor of Commerce with major in Accounting and Corporate Finance (GPA 5.6/7.0) – Complete
- St Peters College – High School

References:

Dr Jinan Zuo (Supervisor at Australian Institute for Machine Learning)

Australian Institute for Machine Learning
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