

Daniel Liu's Resume

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EXPERIENCE

Data Science Intern

December 2024 - February 2025

Canva

Surry Hills, NSW

- Researched and developed data-driven product adoption strategies to influence stakeholder decisions around boosting Canva Docs usage, resulting in a prototype that is set for experimentation by mid-2025
- Shaped the Docs team's cross-product adoption strategy by leading external user interviews and authoring a research report with product recommendations, garnering 190+ internal views and 30+ comments

Data Science Intern

November 2023 - February 2024

Newmont

St Kilda, VIC

- Improved safety monitoring for geotech engineers by productionalising a dashboard built using PowerBI and SQL
- Streamlined machinery defect identification by creating a PowerApp, eliminating manual paper defect records
- Identified the top causes and associated actions for disruptions in mining processes through the analysis of unstructured text using natural language processing in Python

Data Analytics Intern

January 2023 - July 2023

Major Road Projects Victoria

Melbourne CBD, VIC

- Automated employee reporting processes using Pandas and OpenPyXL for internal customers
- Produced stakeholder reports using Python and Excel to provide insights on over 600 employees

EDUCATION

Computer Science (Data Science) and Commerce (Business Analytics)

February 2022 - Present

Monash University

Clayton, VIC

- Grade: 90.47 WAM; 4.0/4.0 GPA; IT Excellence Scholarship (\$24,000); IBL Placement Scholarship (\$19,000)
- Selected for the Monash Minds Leadership Program as one of the top 1% of first-year students

Western Australia Certificate of Education

January 2016 - November 2021

Rossmoyne Senior High School

Rossmoyne, WA

- Grade: 99.60 ATAR

COMMUNITY & LEADERSHIP

Treasurer

March 2022 - Present

Computing Commerce Association

Clayton, VIC

- Passed the half-yearly club audits by preparing external reports on club expenditures of over \$20,000
- Implemented a budget that saw a record \$3,500 profit despite holding more events for members
- Ensured the financial success of community-driven events with 100+ attendees

Retail Volunteer

November 2019 - January 2021

St Vincent de Paul (Vinnies)

Applecross, WA

- Drove customer satisfaction and community engagement by preparing a pop-up shop at an AC/DC Festival
- Collaboratively created a training plan to mentor new volunteers, raising confidence in shop procedures

PROJECTS

NYK Failures | *Python, R, Data Visualisation, Scraping, Sentiment Analysis*

[GitHub](#) - [Access the Report](#)

- Published a report exploring probable causes for the NYK's failures with suggested areas of improvement
- Extracted data through the NBA API and web scraping

Positionn | *Python, Streamlit, Machine Learning*

[GitHub](#) - [Access the App](#)

- Deployed a Streamlit app that predicts a user's basketball position and identifies their most similar NBA twin
- Developed machine learning models that analyze user statistics and physical attributes

TuneBuild | *Python, Flask, Machine Learning*

[GitHub](#)

- Created a song recommendation system, analyzing a user's top songs to suggest new songs of interest

TECHNICAL SKILLS

Languages/Tools: SQL, Python, R, Excel, PowerBI, Tableau, Snowflake

Libraries: Pandas, Scikit-Learn, Matplotlib, Natural Language Toolkit, Flask