

Daniel Liu's Resume

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EDUCATION

Monash University

Clayton, VIC

Bachelor of Computer Science (Data Science) and Commerce (Econometrics)

February 22 - Present

- Grade: 91.75 WAM; 4.0/4.0 GPA
- Obtained IT Excellence Scholarship worth \$24,000
- Selected as top 1% (150 out of 13500) to participate in Monash Minds Leadership Program

Rossmoyne Senior High School

Rossmoyne, WA

Western Australia Certificate of Education

January 16 - November 21

- Grade: 99.60 ATAR
- Achieved 130 hours of Volunteering
- Subject Exhibition: Accounting & Finance

EXPERIENCE

Data Science Intern

November 2023 - February 2024

Newmont

St Kilda, VIC

- Developed and productionalised a mine safety dashboard using PowerBI and SQL, improving monitoring for geotechnical engineers
- Analysed unstructured text using natural language processing in Python to identify top causes and actions for anomalies in mining processes

Data Analytics Intern

January 2023 - July 2023

Major Road Projects Victoria

Melbourne CBD, VIC

- Automated employee reporting processes using Pandas and OpenPyXL, saving 5 hours per month
- Developed an employee diversity dashboard in Excel to support the gender equality action plan
- Produced stakeholder reports using Python and Excel to provide insights on over 600 employees

Retail Volunteer

November 2019 – January 2021

St Vincent de Paul (Vinnies)

Applecross, WA

- Created training plan to mentor new volunteers in pertinent skills, raising their confidence in shop procedures
- Improved sales by preparing and advertising vintage stock on Vinnies social media for the Highway to Hell festival

COMMUNITY & LEADERSHIP

Treasurer

March 2022 - Present

Computing Commerce Association

Clayton, VIC

- Passed half-yearly club audits by preparing external reports on club expenditures of over \$20,000
- Overseen the running of a club supporting over 700 members through developing a long-term vision and action plan

PROJECTS

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

GitHub - PDF

- Created a report that explores causes for the Knicks under performance and suggested areas of improvement
- Extracted data using the NBA API and through web scraping
- Conducted sentiment analysis to support the purpose of the report

TECHNICAL SKILLS

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

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