

## PERSONAL STATEMENT

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I'm a 23 year old student currently studying a Master of Computer Science and tutoring other students at Melbourne Uni. I am friendly, hardworking and efficient. I value punctuality and reliability, and believe these are among my strongest attributes. Outside of my studies, my interests include rock climbing, reading and cooking. In the future, I would like to pursue a career in AI research.

## EDUCATION

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- **The University of Melbourne** Melbourne, VIC  
*Master of Computer Science (H1 Average)* *2022 - Present*
- **The University of Melbourne** Melbourne, VIC  
*Bachelor of Science (Data Science) (H1 Average)* *2019 - 2021*

## EXPERIENCE

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- **The University of Melbourne** Melbourne, VIC  
*Academic Tutor/Demonstrator* *Mar 2022 - Present*
  - **Duties:** Explanation of computer science concepts, building rapport with students, managing the needs of students with various aptitudes, marking projects and tests.
- **Akuna Capital** Sydney, NSW  
*Quantitative Trading Intern - Received Full Time Offer* *Dec 2021 - Feb 2022*
  - **Projects:** Developed and backtested cryptocurrency Delta-1 trading strategies. Wrote scripts to adjust internal volatility metrics to market information in real time.
  - **Areas of Exposure:** Machine learning and hyperparameter optimisation techniques, backtesting, model refinement, market microstructure research.
- **KeyLead Health** Melbourne, VIC  
*Data Science and Machine Learning Intern* *Jun 2021 - Aug 2021*
  - **Projects:** Wrote python modules to process and analyse ECG data using algorithmic and machine learning techniques. Worked on web app to display ECG data
  - **Areas of Exposure:** Data and project management with Microsoft Azure. Python libraries: flask, dash, pandas, numpy, sci-kit learn
- **Hardrock Climbing** Melbourne, VIC  
*Climbing Instructor* *Aug 2019 - Present*
  - **Duties:** Delivering instructions to the public, supervision of patrons, customer service.

## EXTRACURRICULAR ACTIVITIES

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- **One for the World UniMelb** Melbourne, VIC  
*President* *Sep 2021 - Sep 2022*  
*Secretary/Treasurer* *Aug 2020 - Sep 2021*
  - **Areas of Exposure:** Community outreach, management of finances, setting meetings, communication with team members, delegation of tasks.
- **The University of Melbourne** Melbourne, VIC  
*Peer Mentor* *Feb 2020 - Jul 2020*
  - **Areas of Exposure:** Engagement with a diverse group of people, team-building, assistance with questions, building rapport.

## PROJECTS

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- **Sportsbetting Bot:** Python bot that identifies and places high-EV bets. (Ask me more about this!)
- **Chess AI:** Chess computer that uses a neural network for move generation and mini-max for exploration.

## PROGRAMMING SKILLS

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- **Languages:** Python (sklearn, numpy, pandas, some pytorch), R, C, Java, MATLAB