Darren Xing

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WORK EXPERIENCE

Everywhere Health   **Sep. 2025 – Present**
Analyst   *Sydney, NSW*

- Everywhere Health is a medical startup focusing on developing affordable and accessible asynchronous 6-lead ECG monitoring by leveraging in built smartwatch sensors.
- Data and financials analyst focusing on analysing usage data and graphical representations using Python and R.

Proficiency Education   **Jan. 2013 – Jan. 2025**
Mathematics Tutor   *Sydney, NSW*

- Tutor for high school mathematics including junior mathematics, Mathematics Advanced, Extension 1 and Extension 2.
- Worked as private 1 on 1 tutor as well as tutoring classes and also helped to shadow classes.
- Primarily focused on developing confidence in teaching the content and ensuring that concepts are easy to understand while still maintaining a high level understanding of the ideas.
  - One of my students ended up attaining a 90+ ATAR and doing Aerospace engineering at UNSW

Seafood Store   **2015 – 2016**
Cashier   *Sydney, NSW*

- Temporary work working as the cashier including taking orders as well as assisting with preparing orders.

EDUCATION

University of New South Wales   **Jan. 2023 - Present**
Bachelor of Computer Science (AI)/Actuarial Studies (Risk Management)   *Sydney, NSW*

- **WAM: Distinction (76)**

James Ruse Agricultural High School   **Jan. 2017 – Sep. 2022**
High School   *Sydney, NSW*

- **ATAR: 96.25**

CERTIFICATIONS

- **Technologies:** Javascript + HTML + CSS, React, Typescript, Python, R, C, Java, Excel, Electron, Astro,
- **Skills***:* Highly effective in both solo and group working scenarios with strong critical thinking and communication, Strong analytical skills in statistics and financial, Flexible to different problems and easy to adapt to new environment or conditions, strong background in financials
- **Projects and Experiences**:
  - Have experience in web and electron app development, full stack development of a web page as well as different frameworks for web development
  - Worked to make the current UNSW Museum of Human Diseases Booking System
  - Completed in Citadel Securities Trading Invitational
  - Participated in Forex Analyst Role
  - Experience with projects in analysing stock markets, capital growth portfolios including simulating stock analysis and selections
  - Have worked with candlestick charts and analysis of them to determine market movement
  - Have worked to simulate risk of ruin of companies
  - Made several machine learning algorithms using boosting, random forests and neural networks
- **Interests:** Cooking; Travelling; Lifting; Drawing;