

# Darren Xing

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## SUMMARY

High-achieving, motivated, and dedicated James Ruse graduate of 2022

Academic background in Actuarial Studies (Actuarial Risk Management and Analytics) and Computer Science (Artificial Intelligence and Machine Learning) at UNSW

Member of Medical Technology Startup with funding

Strong proficiency in Excel and other Microsoft Suite

Skilled in data analysis and programming, with experiences in Javascript, Python, R, Typescript, Java, React, HTML, CSS, C, MIPS, MySQL

Highly effective in both team and solo work scenarios with strong critical thinking, communication, analytical, and problem-solving skills

Knowledgeable regarding stock trading and have simulated alongside real world stock markets to calculate optimal portfolios

Have experiences in different web and electron app development with personal projects

Have experience in fullstack development including creating the current booking system for the UNSW Museum of Human Diseases which is comprised of a React frontend combined with TailwindCSS, HTML and a MySQL Database

Competed in Citadel Securities Trading Invitational

Participated in Forex Analysis Role

## SKILLS

Skilled in C, Javascript, Python, R, Typescript, Java, React, HTML, CSS, C, MIPS, MySQL, Excel

Experience with AI, Neural Networks and Machine Learning

Experience with Regression and Data analytics including Random Forests and Boosting

Experience with Stock Analysis including Black Sholes and Brownian Motion

Experience with Forex Analysis and Calculations

Statistical Analysis Background

Strong Communication

Critical Thinking and Problem Solving

High Achieving and Dependable

Motivated and Resilient

Flexible and Adaptable

## LANGUAGES

English (Native)

Mandarin (Native)

Japanese (Basic)

## ACADEMIC RESULTS

Current WAM – 76.208

## EDUCATION

**University of New South Wales**, Sydney, NSW, Australia

2023 - Present

Bachelor of Actuarial Studies (Actuarial Risk Management and Analytics)

Bachelor of Computer Science (Artificial Intelligence)

**James Ruse Agricultural High School**, Carlingford, NSW, Australia

2017 - 2022

High School

## EXPERIENCE

**Everywhere Health**, Sydney, NSW, Australia

2025-Present

**Analyst and Frontend Developer**

- Startup focusing on creating affordable and asynchronous 3-lead ECG by leveraging inbuilt smartwatch sensors.

**Proficiency Education**, Sydney, NSW, Australia

2023 - 2025

**Mathematics Tutor**

- Private and group tutoring classes as well as shadowing several classes to assist student's in HSC preparations for Advanced Mathematics and Extension 1 Mathematics

**Seafood Store, Sydney, NSW, Australia**

2015 - 2016

**Cashier**

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