Jensen Jones

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I am a driven, final-year Computing Science student at UTS, maintaining a WAM over 90, with a keen passion for mathematics, finance, and high-performance software development.

Education

Bachelor of Computing Science (Honours) — 2023 – 2026
Major in Mathematical Analysis — *University of Technology Sydney*

- Vice President - UTS Competitive Programming Society
- 90.56 WAM
- Dean's List recipient every year
- Honours research topic: Modelling Interactions Between Opto-Acoustic Solitons

Work Experience

Software Developer Intern — Macquarie Bank — 2025 – 2026
FX Deal Booking Team

- Developed the internal fixed income and commodities trading system
- Collaborated with traders to improve trading efficiency

Maths & Computer Science Tutor	Self Employed	2025 – Pres
Cabinet Maker	Ekard Concepts	2022 – Pres
Semi-Professional Soccer Player	Western Rage FC	2022 – 2024
Delivery Expert	Dominos Pyrmont	2021 – 2022
Childcare Worker	Annandale After School Care	2018 – 2021
Semi-Professional Fortnite Player	Self Employed	2019 – 2019

Projects & Further Studies

Crypto Live Market Analaysis & Trading Bot — 2025 – 2026

- Implemented in C++
- Asynchronous web socket server connection using Boost
- Live and configurable signal analysis and trading decisions

Client-Server Trading Exchange/Matching Engine — 2024 – 2025

- Implemented in Java
- GRPC based server connectivity
- Swing based GUI

Extra Courses:

Machine Learning Specialisation	Stanford Online	2025
Options 201	Akuna Capital	2024
Options 101	Akuna Capital	2024
Introduction to Algorithms	MIT Open Courseware	2023
CS50	Harvard University Online	2022

Extra Readings:

C++ Software Design	Klaus Iglberger	2026
C++ 23 Best Practices	Jason Turner	2025
Inside the Machine	Jon Stokes	2025
A tour of C++	Bjarne Stroustrup	2025
Operating Systems: Three Easy Pieces	Remsi H & Andrea C	2024
All About High Frequency trading	Michael Durbin	2023

Technical Skills

Primary Languages: C++, Python, Java
Tools & Frameworks: CMake, vcpkg, Docker, Boost, Junit, AssertJ, Mockito, SLF4J

Interests

Soccer	Horticulture	Competitive Programming	Hiking	Music