Jensen Jones

jensen.jones111@gmail.com — 0422 495 193

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 2023, 2024, 2025
- Honours research topic: Modelling Complex Stimulated Brillouin Scattering (C++)

Work Experience

Software Developer Intern — Macquarie Group — 2025 – 2026
FX – Commodities and Global Markets

- Server side & UI enhancements & bug fixes to the internal FX trading system
- Collaboration with traders to improve trading efficiency

Maths & Computer Science Tutor	Self Employed	2025 – Pres
Cabinet Maker	Ekard Concepts	2022 – 2025
Semi-Professional Soccer Player	Western Rage FC	2022 – 2024

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

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

Interests

Soccer Horticulture Competitive Programming Hiking Music