

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 every year
- Honours research topic: Modelling Interactions Between Opto-Acoustic Solitons

Work Experience

Software Developer Intern – Macquarie Bank

Dec 2025 – Feb 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

Semi-Professional Fortnite Player

Self Employed

2019 – 2019

Childcare Worker

Annandale After School Care

2018 – 2021

Projects & Further Studies

Crypto Live Market Analysis & 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
- Options 201
- Options 101
- Introduction to Algorithms
- CS50

Stanford Online

2025

Akuna Capital

2024

Akuna Capital

2024

MIT Open Courseware

2023

Harvard University Online

2022

Extra Readings:

- C++ Software Design
- C++ 23 Best Practices
- Inside the Machine
- A tour of C++
- Operating Systems: Three Easy Pieces
- All About High Frequency trading

Klaus Iglberger

2026

Jason Turner

2025

Jon Stokes

2025

Bjarne Stroustrup

2025

Remsi H & Andrea C

2024

Michael Durbin

2023

Technical Skills

Primary Languages: C++, Python, Java

Tools & Frameworks: CMake, vcpkg, Docker, Boost, Junit, AssertJ, Mockito, SLF4J

Interests

Soccer Trees Competitive Programming Hiking Music