

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)

Major in Mathematical Analysis

2023 – 2026

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 (C++)

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 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
Akuna Capital
Akuna Capital
MIT Open Courseware
Harvard University Online

2025
2024
2024
2023
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
Jason Turner
Jon Stokes
Bjarne Stroustrup
Remsi H & Andrea C
Michael Durbin

2026
2025
2025
2025
2024
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