

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 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 Analysis & 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

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|-----------------------------------|---------------------------|------|
| • 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

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| • 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
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