

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
- 91 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

Order Booking Team

- ——— Did Some Stuff ———
- ——— Did Some More Stuff ———
- ——— Did Even More Stuff ———

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

Projects & Further Studies

High Performance C++ Opto-Acoustic Soliton Simulation

2026

- ——— Did Some Stuff ———
- ——— Did Some More Stuff ———
- ——— Did Even More Stuff ———

Crypto Market Data Visualiser

2025 – 2026

- Implemented in C++
- Asynchronous web socket server connection using Boost
- ——— Something else used ———

Client-Server Trading Exchange/Matching Engine

2024 – 2025

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

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 |

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++, Python, Java

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

Interests

Soccer	Trees	Competitive Programming	Hiking	Music
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