

# 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

2025 – Pres

Cabinet Maker

2022 – Pres

Semi Professional Soccer Player

2022 – 2024

Delivery Expert

2021 – 2022

Childcare Worker

2018 – 2021

Self Employed

Ekard Concepts

Western Rage FC

Dominos Pyrmont

Annandale After School Care

## 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:

- 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

## 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++, Python, Java

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

## Interests

Soccer

Trees

Competitive Programming

Hiking

Music