

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) <i>Major in Mathematical Analysis</i>	2023 – 2026
	<i>University of Technology Sydney</i>
<ul style="list-style-type: none">• 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 <i>FX – Commodities and Global Markets</i>	Macquarie Group	2025 – 2026
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Implemented in C++• Asynchronous web socket server connection using Boost• Live and configurable signal analysis and trading decisions	

Trading Exchange/Matching Engine	2024 – 2025
<ul style="list-style-type: none">• Implemented in Java• GRPC based server connectivity• Swing based GUI	

Extra Courses

<ul style="list-style-type: none">• Machine Learning Specialisation• Options 201• Options 101• Introduction to Algorithms• CS50	Stanford Online	2025
	Akuna Capital	2024
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	MIT Open Courseware	2023
	Harvard University Online	2022

Extra Readings

<ul style="list-style-type: none">• 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++, Java, Python

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

Interests

Soccer	Horticulture	Competitive Programming	Hiking	Music
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