

# 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

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<b>Bachelor of Computing Science (Honours)</b> <i>Major in Mathematical Analysis</i>	2023 – 2026
	<i>University of Technology Sydney</i>
<ul style="list-style-type: none"><li>• Vice President - UTS Competitive Programming Society</li><li>• 90.56 WAM</li><li>• Dean's List recipient 2023, 2024, 2025</li><li>• Honours research topic: Modelling Complex Stimulated Brillouin Scattering (C++)</li></ul>	

## Work Experience

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<b>Software Developer Intern</b> <i>FX – Commodities and Global Markets</i>	Macquarie Group	2025 – 2026
<ul style="list-style-type: none"><li>• Server side &amp; UI enhancements &amp; bug fixes to the internal FX trading system</li><li>• Collaboration with traders to improve trading efficiency</li></ul>		
<b>Maths &amp; Computer Science Tutor</b>	Self Employed	2025 – Pres
<b>Cabinet Maker</b>	Ekard Concepts	2022 – 2025
<b>Semi-Professional Soccer Player</b>	Western Rage FC	2022 – 2024

## Projects & Further Studies

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<b>Crypto Live Market Analysis &amp; Trading Bot</b>	2025 – 2026
<ul style="list-style-type: none"><li>• Implemented in C++</li><li>• Asynchronous web socket server connection using Boost</li><li>• Live and configurable signal analysis and trading decisions</li></ul>	

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

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

<b>Extra Readings</b>		
<ul style="list-style-type: none"><li>• C++ Software Design</li><li>• C++ 23 Best Practices</li><li>• Inside the Machine</li><li>• A tour of C++</li><li>• Operating Systems: Three Easy Pieces</li><li>• All About High Frequency trading</li></ul>	Klaus Iglberger	2026
	Jason Turner	2025
	Jon Stokes	2025
	Bjarne Stroustrup	2025
	Remsi H & Andrea C	2024
	Michael Durbin	2023

## Technical Skills

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**Primary Languages:** C++, Java, Python

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

## Interests

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Soccer	Horticulture	Competitive Programming	Hiking	Music
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