

# JOSHUA D. GOLAFSHAN

0481 947 313 ♦ JGolafshan@outlook.com

[Linked In](#) ♦ [Github](#) ♦ [Personal Website](#)

NSW ♦ Sydney ♦ Australia

## PERSONAL PROFILE

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A skilled professional in mathematics, statistics, and computer science. With experience in algorithmic trading, I design and manage streamlined code. Proficient in Python, Java, MATLAB, and R, I excel in database management and tools like GitHub. Noteworthy projects include an Automated Trading Suite and AI-driven stock analysis. With strong communication skills and a proven track record, I bring value to technology-driven organizations.

## EDUCATION

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Macquarie University	<i>Mar 2021 - Present</i>
B.S. in Mathematics - Minor in Statistics And Computer Science	
QuantInsti	<i>Aug 2019 - Mar 2020</i>
Executive Programme In Algorithmic Trading (EPAT)	
TAFE NSW	<i>Mar 2017 - Dec 2017</i>
Cert. III - Engineering - Technical	

## EXPERIENCE

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Fivver	<i>Nov 2021 - Current</i>
<i>Contracted Developer</i>	<i>Online</i>
<ul style="list-style-type: none"><li>· Successfully managed multiple recurring clients, providing development services.</li><li>· Played a pivotal role in the development stage, providing valuable input and contributing to the overall success of projects.</li><li>· Adapted to working across different time zones, ensuring seamless collaboration and timely delivery of projects.</li></ul>	
Prime Steel Detailers	<i>May 2017 - Jan 2021</i>
<i>Draftsman &amp; Programmer</i>	<i>St Marys, NSW</i>
<ul style="list-style-type: none"><li>· Streamlined departmental tasks by designing, writing, and managing code.</li><li>· Maintained meticulous attention to detail to ensure accuracy in all design and drafting work.</li><li>· Actively sought opportunities to improve processes and enhance project outcomes.</li></ul>	

## NOTEWORTHY PROJECTS

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Automated Trading Suite
<ul style="list-style-type: none"><li>· Designed and developed a comprehensive suite of trading modules, including automated PDF report generation, SMS and email notification systems, and strategy execution capabilities.</li></ul>
Wall Street Social
<ul style="list-style-type: none"><li>· Leveraged AI methodologies to efficiently parse and analyze social media comments for extracting valuable stock information, including stock symbols and options contract identification.</li></ul>

## ACHIVEMENTS

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- Published a post in QuantInsti's Blog [Post Link](#).

## TECHNICAL STRENGTHS

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Computer Languages  
Databases  
Tools

Python, Java, MATLAB, R,  
SQL (PostgreSQL, MySQL, SQLite3)  
Github, Microsoft Suite