

# JOSHUA D. GOLAFSHAN

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NSW ♦ Sydney ♦ Australia

## PERSONAL PROFILE

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I am Joshua D. Golafshan, 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 B.S. in Mathematics Minor in Statistics & Computer Science	<i>Mar 2021 - Present</i>
QuantInsti Executive Programme In Algorithmic Trading (EPAT)	<i>Aug 2019 - Mar 2020</i>
TAFE NSW Cert. III - Engineering - Technical	<i>Mar 2017 - Dec 2017</i>

## EXPERIENCE

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Fivver <i>Contracted Developer</i>	Nov 2021 - Current <i>Online</i>
<ul style="list-style-type: none"><li>· Designed, write and managed code that streamlined tasks and minimised errors in my department.</li><li>· Worked to specifications and project timelines.</li><li>· Identified and communicated potential structural problems.</li></ul>	
Prime Steel Detailers <i>Draftsman &amp; Programmer</i>	May 2017 - Jan 2021 <i>St Marys, NSW</i>
<ul style="list-style-type: none"><li>· Designed, write and managed code that streamlined tasks and minimised errors in my department.</li><li>· Worked to specifications and project timelines.</li><li>· Identified and communicated potential structural problems.</li></ul>	

## NOTEWORTHY PROJECTS

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Automated Trading Suite
<ul style="list-style-type: none"><li>· Designed and developed a collection of modules for trading. Automated PDF reports, SMS and email notification systems, and strategy execution.</li></ul>
Wall Street Social
<ul style="list-style-type: none"><li>· Used AI methods to parse and analyse social media comments for stock information such as 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