

JOSHUA D. GOLAFSHAN

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

NSW ◇ Sydney ◇ Australia

PERSONAL PROFILE

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

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

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

NOTEWORTHY PROJECTS

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

ACHIVEMENTS

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

TECHNICAL STRENGTHS

Computer Languages
Databases
Tools

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