

JOSHUA SY

PROFILE

As a software engineering student in my penultimate year, I am seeking to gain hands-on experience in the tech industry. With a strong foundation in programming languages like Java, Python, and C, as well as experience in web development, database management, and software testing, I am confident in my ability to contribute to any software team. I am a passionate problem solver, committed to delivering high-quality work and learning from experienced professionals.

CONTACT



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linkedin.com/in/Joshua-sy-02a90a212/

REFERENCES

Available upon request

CODING SKILLS

- Used a variety of coding languages such as Python, Java and C in coding projects
- Able to use project management applications such as GitHub, Jira, and Confluence.
- Able to work using Agile Development Methodology
- Able to use OOP concepts in a variety of languages such as Java
- Able to create extensive test in various languages such as Python, Java and C
- Able to create API microservices using tools such as AWS Lambda
- Able to train a neural network model for AI development using Pytorch
- Able to create websites using HTML, CSS and JavaScript
- Able to use Hadoop, Pyspark and Dataframe to process big data
- Able to use PostgreSQL for storing data and data management
- Able to create 3D games and VR environments using Unreal Engine

EDUCATION

SOFTWARE ENGINEERING (HONOURS)/ BIOTECHNOLOGY AT UNSW
2019 - Present

PETER FARRELL CUP 2022 I FINALIST (CHRONOREWINDER)

Participated in the Peter Farrell Cup which is UNSW's most prestigious start-up idea competition with our group placing 2nd. During the competition, we developed our idea with guidance from professional and highly regarded mentors. We conducted extensive market research to help pitched and present our idea to a notable industry panel of judges. Our pitch involved:

- Value proposition
- Target market forecast
- Market size prediction
- Financial projection

ANZAC PROGRAMMING COMPETITION

Participated in the Anzac programming competition which involved solving numerous coding challenges under a time limit.

HIGH SCHOOL CERTIFICATE FROM ST MARY'S CATHEDRAL COLLEGE
2013 - 2018

RANKED FIRST IN MULTIMEDIA IN 2015 AND 2018 FOR MY COHORT
REPRESENTED SCHOOL BASKETBALL TEAM IN 2017 PLAYING GUARD
REPRESENTED THE SCHOOL CHESS TEAM FOR MULTIPLE YEARS
VOLUNTEERED FOR MATT TALBOT HOSTEL
ACHIEVED ATAR SCORE OF 90.45

WORK EXPERIENCE

The Old Clare Hotel

2022-Present

Front Desk Receptionist

I provided customer service to patrons of The Old Clare Hotel. I answered customer enquiries and resolved customer complaints. I have learnt to use Opera and HMS system to check-in and check out guest, create bookings and conduct payments.

YK Educational Theory Book Writer

2020

I created a theory booklet for students explaining mathematical concepts in a way that it is easy to understand. I also made simple and extensive mathematical questions that allows students to test their understanding.