

Joshua Silva

joshua.silva2001@gmail.com

Digital Portfolio: joshua-silva1.github.io

Career Objective

As a software engineering student, I aspire to work with a company that allows me to further develop my skills, experience and provides me with opportunities to add value. I am searching for a 6-month internship or entry-level position where I can utilise my communication and critical thinking skills to improve myself as a software engineer.

Education

Bachelor of Engineering Honours: Software Engineering
University of Technology Sydney

March 2021 - December 2025

Diploma in Professional Engineering Practice

- HDs in Software Architecture, Database Fundamentals, Programming Fundamentals, Engineering Communications
- Ds in Software Analysis Studio, Applications Programming, Systems Testing and Quality Management, Business Requirements Modelling, Design and Innovation Fundamentals

Work Experience

Supermarket Checkout Operator
Woolworths

October 2020 - February 2022

- Reinforced tolerance to high stress work environments serving dozens of customers in quick bursts on holidays/weekends.
- Managed and instructed 2 new employees on registers to work efficiently.
- Enhanced sales to boost store's ranking to top 10 in state for OzHarvest fundraiser (Christmas 2021).
- Scored in top 10% for customer satisfaction in service department at store.
- Trained to work across any one of 3 different departments to fill gaps in present team.

Technical Skills

Programming Languages

- C++, Python, Java, JavaScript, HTML, CSS, SQL

Software Skills

- Microsoft Office Suite (Word, Excel, PowerPoint, etc.), Gimp (image editor), Canva (graphic design), Notion (digital workspace)

Transferable Skills

Communication

- Expanded my precise speech, presentation, and effective listening skills during school debating.

Critical Thinking

- Wrote and read extensively every day for the last 2 years to establish this.

Leadership

- Coordinated and headed a collaborative storytelling group as extra-curricular 2 times a week for 7 months.

Openness to Learning

- Implemented a Zettelkasten personal knowledge management system to maintain hundreds of notes from excessive learning in my downtime.

Problem Solving

- Designed, prototyped, and coded 3 small videogame projects to expand skills in my own time.

Adaptability

- Honed this trait in a rapidly shifting working environment (Woolworths).

Achievements

- Developed and published a simple yet playable game to itch.io (available via portfolio)
- Moderated as 1 of 3 Leaders of Stream-watch Program (extracurricular) - Responsible for monitoring of local waterways and recording of associated data for Sydney Water to assist in maintenance
- Awarded Victor Chang Cardiac Research Institute School Science Award (top 3 students)
- Displayed artwork at the Night of Excellence (creative arts showcase)

Referees

Available upon request.