

Joshua Silva

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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 3-month (minimum) 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 2024

Diploma in Professional Engineering Practice

- HDs in Software Development Studio, 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 Oz Harvest 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, Kotlin

Software Skills

- GitHub, 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 3 years to establish this (ongoing practice).

Leadership

- Managed the Publications Team of UTS Literary Society as the Publications Coordinator, involving the review and publishing of student submissions to our flagship publication In The Margin (ongoing).

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) especially during the six-month lockdown in Sydney in 2021.

Achievements

- Published both fiction and non-fiction pieces for the UTS student-led blog In The Margin.
- Developed and published a 2 fully playable games 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) two years in a row.

Referees

Available upon request.