

# UMAR SHAHEEN

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## EDUCATION

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Feb 2022 – Nov 2025 **Bachelor of Advanced Computer Science (Honours): International Cybersecurity**  
**University of Western Australia**

## WORK HISTORY

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- Aug 2022 - Present **Team Leader**  
**Target Australia** – Cannington
- Provided comprehensive training and mentorship, equipping team members with the skills, tools and resources to excel in their roles.
  - Resolved conflicts efficiently, ensuring positive customer experiences while maintaining a productive team environment.
  - Conducted performance evaluations and delivered actionable feedback, fostering professional growth and team cohesion.
  - Led structured team meetings, addressing challenges, tracking progress, and implementing strategic solutions.
  - Implemented data-driven visual merchandising strategies, increasing sales by 13% through optimised product placement and store layout.
- Nov 2024 – Dec 2024 **Cyber Security Intern**  
**St Patrick's Community Support Centre** – Fremantle
- Evaluated and reported on the organisation's cybersecurity posture, presenting key findings to the Corporate Services Manager, which led to the implementation of critical security enhancements.
  - Designed and launched a cybersecurity awareness program that significantly improved employee security knowledge and reduced security incidents.
  - Developed and distributed security training materials for 300+ employees and clients, promoting best practices for safeguarding personal and organisational data.
  - Worked alongside the Managed Services Provider to conduct security audits, ensuring outsourced security services met compliance towards the Essential Eight framework.
- Nov 2023 – Feb 2024 **Department Manager**  
**Target Australia** – Rockingham
- Designed and executed a strategic departmental plan, leading to significant improvements in productivity and operational efficiency.
  - Spearheaded the introduction of Anko products in three stores across Western Australia, ensuring a seamless rollout and strong sales performance.
  - Established clear team goals and performance metrics, actively monitoring progress to drive accountability and successful task completion.
  - Analysed customer data and survey feedback to identify key areas for improvement, enhancing both customer satisfaction and team morale.
  - Oversaw daily financial bookkeeping for a high-revenue department, ensuring accurate tracking of sales and financial records.
- Sep 2021 – Jul 2022 **Customer Service Assistant**  
**Target Australia** – Cannington
- Worked closely with retail team members to deliver efficient and personalised customer service, ensuring all customer needs were met promptly.
  - Managed high-volume transactions while performing cashier duties, maintaining accuracy and efficiency in a fast-paced retail environment.
  - Adhered to store policies and procedures, reducing errors and enhancing customer

## PROJECTS

### Honours Research: Data Intelligence Protection in Deep Learning Models (Ongoing)

- Developed a robust audio watermarking pipeline using the IDEAW framework with Encodect-based attack simulation.
- Fine-tuned MusicGen-small on a custom FMA dataset to evaluate watermark retention and robustness.
- Conducted end-to-end experiments measuring SNR, BER, and message-recovery performance to detect stolen or tampered generative models.

### Compromised USB

- Developed a malicious USB for cybersecurity awareness training, containing a Word document with macros to execute Python-based malware.
- Designed the malware to capture user data (e.g., username, access time) and exfiltrate it to an internal IT server.
- Collaborated with IT to analyse results and educate staff on safe USB handling and cybersecurity best practices.

MORE PROJECTS AVAILABLE ON GITHUB

## SKILLS

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- Programming (Java, C, Python, PyTorch, (HTML, CSS, Shell Scripting, SQL))
- Machine Learning
- Penetration Testing
- Leadership
- Teamwork
- Web App Development (JavaScript, React, NextJs)

## REFERENCES

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Daniel Roy-McGregor  
Store Manager  
Target Australia 0420  
822 674  
targ5045.mgr@target.com.au

David Jansen  
Assistant Store Manager  
Target Australia 0401  
415 207  
dpjansen1976@yahoo.com.au

## Studies

- Developed a flashcard platform for creating, storing, and managing custom sets.
- Implemented privacy controls for public and private flashcards.
- Integrated AI to auto-generate flashcards from user notes.
- Designed a subject-based search feature to enhance accessibility.

### Dehdashti Family Tree

- Developed a client-focused website to display and manage a dynamic family tree using Neo4j for hierarchical graph visualization.
- Implemented user account functionality, enabling users to join, comment, and request access to private family trees.