

Tarnjot Singh

Askern, Doncaster, DN6

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Website: <https://tarnjot.github.io/my-portfolio/>

PROFILE

Passionate Computer Science student at Sheffield Hallam with a unique academic background in IT, Business, and Fine Art. Possessing proven skills in web development, database design (SQL), and team collaboration, demonstrated through hands-on academic and personal projects. Seeking to apply my technical abilities and problem-solving mindset to a challenging Software or Web Development role.

KEY SKILLS

- Programming & Web Technologies - SQLite, PHP, HTML, JavaScript, CSS and C#
- Tools & Technologies - Git, Visual Studio Code, Trello, Figma
- Hardware - PC Component Specification, Assembly and troubleshooting.
- Written & Verbal Communication: Confident Communicator with a proven ability to explain complex technical concepts clearly (e.g., PC build presentation).
- Teamwork & Collaboration - Work Effectively in team environments, earning positive peer feedback on group projects.
- Active Listening - Attentive and focused, ensuring a clear understanding of project requirements and client needs.
- Problem solving - Analytical approach to identifying and fixing technical challenges in projects and coursework.
- Time Management - Highly organised with proven ability to manage multiple projects and meet deadlines.
- Attention to detail - Precise at creating error free work, ensuring high quality.
- Language - Fluent in English, Hindi and Punjabi

WORK EXPERIENCE

Retail Assistant | Premier Shop - Askern, Doncaster

Jan 2020 to Jan 2025

Volunteer Retail Assistant at my family run business my duties are as follows:

- Developed Commercial awareness by researching trending products and implementing in-store promotions.
- Provided high-quality customer service, assisted with inventory management, and maintained a positive welcoming standard for customers.

EDUCATION & QUALIFICATIONS

Sheffield Hallam University - BSc (Hons) Computer Science

- **First-Year Result:** Achieved a First-Class overall average of **72.75%**.
- **Relevant Modules:** Databases and the Web (89%), Programming for Computer Science (74%), Software Projects (67%), Fundamentals of Mathematics & Computer Architectures (61%).

- Gained practical experience in both group and independent software projects, consistently meeting deadlines and achieving positive peer feedback. 2028

Thoroughly enjoying all of my modules and displaying active and positive energy towards the coursework indicated by my grade for 'Databases And The Web' as well picking up valuable skills by working in groups and individually to meet deadlines, and lastly showcasing great team skills whilst working with an external client, receiving a final mark as an individual group member being a 8 out of 10 (Agreed upon by the other members).

Campsmount Academy Post 16 - A Level

- OCR Level 3 Cambridge Technical Extended Certificate In Business (Distinction)
- OCR Level 3 Cambridge Technical Introductory Diploma In IT (Merit)
- Pearson Edexcel Level 3 Advanced GCE In Art And Design (D) 2023

Successfully managed a client-facing project. Building a complete PC from multiple component selection to final assembly.

Presented the final build to the client, demonstrating advanced technical and communications skills through a live disassembly and reassembly of the computer.

PERSONAL PROJECTS & ADDITIONAL INFORMATION

AI Chatbot (Personal Project): Developed a functional AI chatbot using PHP and SQL, designed to handle and respond to a variety of user queries. The project is available on my GitHub.

Expense Tracker (Personal Project): Created a full-stack web application to track personal expenses, utilising PHP for the back-end logic and a SQLite database for data storage.

PC Hardware Assembly & Presentation (Academic Project): Managed an end-to-end project to build a custom PC. Presented the final build in a live technical demonstration, effectively communicating complex hardware concepts to a non-technical audience.

Languages – English - fluent; Hindi - Fluent; Punjabi - Fluent

Driving License – Yes

INTERESTS

Personal Coding Projects - I often develop personal projects using PHP, such as building AI chatbots and utility apps to hone my skills and improve the already built projects I have created throughout my University time.

Digital Art / Design - Having done Fine Art, Holding the skills to work with photoshop and Figma well to plan out the website designs.

Strategy Games - Enjoying the complexity of problems stems from my passion for strategy games, taking the time necessary and enjoying solving tough problems and constructing perfect plans.

Activities - Showcasing great leadership as I was part of the student council in Sixth form, bringing ideas to the table and ways to improve the place for other students. Participating in multiple other activities throughout sixth form had me work with my fellow classmates.