Shayan Garewal

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EDUCATION

MacEwan University — Edmonton, AB
Bachelor of Science in Computer Science — *Expected 2028*

EXPERIENCE

Data Systems and Marketing Intern — Jun 2025 – Aug 2025
StudyForge — *Kelowna, BC*

- Refined front-end web content using **HTML** and **CSS** to ensure brand consistency, responsive layouts, and accessibility compliance across multiple StudyForge pages.
- Automated data workflows in **HubSpot CRM** and **SchoolMessenger**, using logic-based segmentation and A/B test scripting to improve campaign performance by 20%.
- Utilized **Google Ads API** and **RollWorks ABM** to extract CTR and CPC metrics, performing analysis and visualization with **Python** and **Google Analytics**.
- Restructured backend **WordPress** blog architecture to improve load efficiency and SEO visibility by 15%, integrating metadata and keyword automation.

Data Documentation and Compliance Intern — Feb 2025 – Apr 2025
Transendity – Riipen Level UP — *Edmonton, AB*

- Built internal documentation systems to map regulatory workflows into structured, reusable templates compatible with automation.
- Modeled financial compliance procedures using logic-based data mapping to improve process traceability by 25%.
- Streamlined submission accuracy for 15+ compliance documents by standardizing datasets and validating prior to portal uploads.

PROJECTS

AI Simulation Pre-Briefing Chatbot | *Python, React, LLM Integration* — Nov 2025

- Collaborating with the **Centre for Advanced Medical Simulation (CAMS)** to develop an **AI chatbot** that provides adaptive simulation pre-briefing for healthcare students across Paramedicine, Respiratory Therapy, and Animal Health programs.
- Designing a lightweight **Python** and **React**-based prototype integrating a fine-tuned **LLM** for personalized quizzing, dynamic feedback, and performance analytics.
- Building an instructor-facing dashboard that generates automated reports on student readiness and knowledge gaps before simulation sessions.
- Competing at Alberta's premier collegiate coding event, delivering a functional demo and research-driven presentation within a 48-hour sprint.

Personal Portfolio Website (shayang-portfolio.netlify.app) | *HTML, CSS* — Sep 2025

- Designed and built a fully responsive personal portfolio website using **HTML** and **CSS** to showcase projects and professional experience.
- Structured clean, semantic markup and implemented responsive layouts with **Flexbox** and **media queries** for optimized viewing across devices.

TECHNICAL SKILLS

Languages: Python, HTML/CSS, JavaScript (learning)
Frameworks: React (learning), Node.js (learning), WordPress
Developer Tools: Git, Google Ads, HubSpot, RollWorks, Google Analytics, Wrike, VS Code, WordPress CMS