Emaad Qazi

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Education

Wilfrid Laurier University	**Waterloo, Ontario**
Honours Bachelor of Science in Computer Science	September 2023 – April 2028
Honours Bachelor of Business Administration	September 2023 – April 2028

Work Experience

Samsung   **Mississauga, Ontario**
Supply Chain Management Operations Co-op   *May 2025 – Present*
- Automating GAP analysis reports across all Consumer Electronics divisions, reducing manual report generation time by 40%
- Leveraging MySQL-powered systems and Excel VBA to streamline data pipelines, enhancing data accessibility and reporting efficiency across a $350M+/month supply chain operation to support executive management decision-making
- Consolidating 3+ independent container manifest and SKU-level inventory datasets into a unified reporting model, increasing container-level SKU traceability by 100% and streamlining data retrieval time by 50%

Apple Canada (Information and Communications Technology SHSM)   **Milton, Ontario**
Application Developer Student Co-op   December 2021 – February 2022
- Developed a fitness app prototype, LiftEats, using Swift and Xcode to create activity tracking metrics with 81% accuracy, personalized workout recommendations, and integrated nutritional tracking system
- Delivered a presentation to Apple Canada representatives with an audience of over 500 attendees, articulating app functionality and business impact to support product positioning and marketability initiatives

Laurier Supply Chain Association   **Waterloo, Ontario**
Vice President of Software Development   *May 2025 – Present*
- Building the LSCA website with MERN stack to handle traffic of over 500 attendees per event, enhancing communication and streamlining access to schedule, resources, and club updates
- Building and deploying a generative AI chatbot tailored for LSCA, enabling 24/7 support for FAQs and upcoming event logistics, reducing manual inquiries by 60%

Laurier Computing Society   **Waterloo, Ontario**
Technical Content Writer   *January 2025 - Present*
- Led exam prep workshops for over 200+ first year CS students, covering Python fundamentals and DSA concepts (CP164)
- Delivered live coding demonstrations to simplify complex topics and improve final exam readiness

Thai Express   **Burlington, Ontario**
Lead Store Supervisor   March 2023 – February 2025
- Developed and implemented a Python-based automation script to manage employee training records, reducing manual errors by 15% and ensuring timely quarterly updates for compliance
- Streamlined vendor management using Python and SQL to track supplier performance and costs, enabling real-time insights that reduced supply expenses by 23%

Projects

Fitness Tracker / *Full stack web application*   **Python | Flask | SQL | Supabase | Render**
- Built front-end UI with HTML, CSS, and JavaScript to create interactive workout dashboards and dynamic session logging
- Implemented backend API and templating with Flask for session management, user authentication, and CRUD operations, while leveraging Supabase for secure cloud database storage, user-specific media uploads, and real time data synchronization
- Deployed the full-stack application on Render, configuring automated CI/CD pipelines via GitHub Actions

FitQuest | *2nd place Spurhacks - $2500 cash prize, 190+ teams*   **MERN | Railway | MongoDB | Gemini | MediaPipe**
- Designed and deployed a full-stack fitness platform featuring MediaPipe-based computer vision for form tracking and custom generative AI chatbots via Gemini API, earning $2500 and finishing **2nd place out of 190 teams** (450+ competitors)
- Collaborated with 2 team members using GitHub for version control and code integration to build out secure user authentication, social features, sprite customization, activity tracking dashboard, and an RPG themed UI

Technical Skills

Languages/Frameworks: Python, Java, JavaScript, C, HTML5, CSS3, SQL, VBA
Frameworks/Deployment: React, Node.js, Express.js, Flask, MongoDB, Git, GitHub, Vercel, Railway, Render, Postman, Supabase