

Vignesh Pengat

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EDUCATION

Wilfrid Laurier University

Waterloo, ON

Honours Bachelor of Science in **Computer Science + Co-op**

Expected August 2027

- **Clubs:** Laurier Computing Society, Laurier Analytics Society, UW X WLU Malayalee Students Association
- **Related Courses:** Data Structures, Object Oriented Programming, Microprocessors, Advanced Calculus 1, Discrete Mathematics, Linear Algebra

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, HTML, CSS, SQL

Frameworks: React, WordPress, Drupal, Pandas

Developer & Data Tools: Linux, GitHub, Visual Studio Code, PyCharm, Eclipse, Excel, Power BI

EXPERIENCE

Web Development Intern

June 2024 – Present

Senior Women Living Together

Peterborough, ON

- * **Migrated** the website from **WordPress** to **Drupal**, improving platform **scalability** and **content control**.
- * **Collaborated** with the **founder** to implement strategic **website content updates**.
- * Used **Excel** to **track** and **analyze** website updates, helping the **team** make better content decisions.
- * **Improved** the website's **design** and **accessibility**, which helped **senior users** engage better.

Head Coach

June 2024– August 2024

Jays Care Foundation

Toronto, ON

- * Led 30+ campers and 2 assistant coaches by **organizing daily activities**, demonstrating **leadership**, **teamwork**, **time management** and **accountability**.
- * Solved daily challenges and maintained clear **communication** with senior staff and parents.
- * Fostered camper engagement through **inclusive activities**, promoting **teamwork** and **adaptability**.
- * **Adapted** to new situations quickly and learned fast, showing **attention to detail** and **willingness to grow**.

Program and Event Coordinator

May 2024 – August 2024

Dwarf Athletic Association of Canada

Toronto, ON

- * **Coordinated logistics** for national sports events by **managing schedules** and **communications**, ensuring **smooth operations** and **high participant satisfaction**.
- * **Collaborated** with volunteers and sponsors to **resolve challenges** and ensure **seamless event execution**.
- * Managed **Excel-based tracking** for registrations and schedules using **pivot tables**, demonstrating **accountability**, **willingness to learn**, and foundational **data handling skills**.

PROJECTS

Grocery Price Checker (Ongoing) | *Python, Pandas, Excel, SQL, Power BI, Web Scraping* Web App

- * Developing a **Python-based data analysis** tool to compare grocery flyer prices across multiple stores, helping users identify the cheapest essential items and maximize savings.
- * Use **Pandas** to process price data and set up **SQL** for easier storage and search.
- * Build **Power BI** dashboards to visualize price comparisons and savings trends, providing clear, actionable insights.

Personal Website | *React, JavaScript, HTML, CSS*

Web App

- * Designed and developed a personal **portfolio website** using **React**, **JavaScript**, **HTML**, and **CSS** to showcase projects and technical skills.
- * Integrated **navigation links**, **external resume PDF access** and a contact section for easy interaction.
- * Continuously updating with new projects and features, demonstrating a strong commitment to **learning** and **front-end development**.

SCHOLARSHIP

TED Rogers Scholarship

November 2023