

Ricardo Gao

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Personal Website | LinkedIn | Github

Skills

- **Matching Technical:** Python, JavaScript, C#, SQL, Problem-solving, Communication, Teamwork
 - **Transferable Technical:** HTML/CSS (to WebForm/MVC development), SharePoint/.NET ecosystem (to .NET stack), Power BI (to Reporting Services), Git (to Agile SDLC)
 - **Transferable Soft Skills:** Stakeholder Engagement (cultural understanding), Research and Analysis (system analysis), Peer Mentoring (team collaboration), Planning/Time Management (organizational effectiveness)
 - **Unique Value:** React (modern web framework), Leadership (project guidance), Performance Tracking (process optimization), Customer Service (user-focused development), Internal/Interpersonal Communication (enhanced collaboration)
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Education

Conestoga College

Software Engineering Technology

2024 Sep - Dec 2028

3.93/4.0

Professornal Experience

Utilized **Power BI** to create data visualizations tracking student attendance and performance improvements over time, enabling data-driven reflection and continuous support adjustments.

Executive Leader

(Oct **2024** – Present)

Google Developer Group

Waterloo, ON

- Organized and participated in over **5** events with **30+** attendees each, focusing on student success through applied tech learning.
- **Collaborated** with **internal college clubs** and external partners including Wilfrid Laurier University to co-host workshops and community events.
- Utilized **SharePoint**, **Google Drive**, and **PowerPoint** for event planning, file sharing, and professional presentations.
- Maintained over **80%** attendance in weekly team meetings, demonstrating strong time management and commitment.
- Fostered student engagement and peer support by building a **500+** member community—the largest student group at Conestoga College.

Project Experience

Personal Web Developer

Self-Initiated Project

(May 2024 – Present)

Waterloo, ON

- Designed, developed, and hosted a personal portfolio website using **HTML**, **CSS**, and **JavaScript**, showcasing projects and technical skills.
- Implemented responsive design for accessibility on desktop and mobile using CSS Grid and Flexbox.
- Deployed website using GitHub Pages and optimized performance through image compression and script minimization.
- Continuously maintained and updated content to reflect latest accomplishments and learning progress.

C# Vehicle Management System Project

Academic Project

(Jan 2025 – Mar 2025)

Conestoga College

- Developed a full-featured vehicle management system using **C#** and **.NET**, incorporating course skills such as **inheritance**, **interfaces**, **delegates**, and **exception handling**.
- Designed a domain-driven structure and applied OOP principles for maintainability and scalability.
- Overrode the `Comparable` interface to enable customized vehicle sorting by mileage and model year.

- Integrated **interface-based architecture** to separate UI and logic, leveraging `IRepository` patterns and dependency injection.
- Applied **data visualization** with summary views for performance metrics, saving over **30%** in manual processing time.