

# Ryan Dooley

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## PROFESSIONAL SKILLS

C# | React | Vue | Laravel | Unity | Java | Python | SQL/Mongo | Node.js | Git | Docker | Azure | TDD

## EXPERIENCE

**Centre for VR Innovation** Jan 2025 – August 2025

- Unity C# Developer co-op | Waterloo, ON
- Design, development, and testing to support the creation of VR/AR software and ongoing applied research objectives at Conestoga College.
  - Writing C# scripts to manage behaviour, user interactions, and system logic in learning simulations.
  - Played a key role in the design and implementation of project architecture and user interaction patterns on a respiratory therapy training simulation used in Conestoga's health programs, with a focus on enhancing procedural learning.

**Vehikl** May 2024 – Jan 2025

- Software Developer co-op | Waterloo, ON
- Contributed to the success of multiple client projects spanning various industries, collaborating with cross-functional development teams to deliver scalable web and mobile solutions
  - Developed features using Laravel, Node.js, React, and Vue, with a focus on API integration, performance, and maintainability, writing clean, test-driven code
  - Used CI/CD workflows, as well as GitHub and Azure DevOps for version control and deployment

**Canada Revenue Agency** Jan 2022 – Sep 2022

- Collections Contact Officer | Kitchener, ON
- Administration and collection of outstanding amounts for personal income tax accounts, promotion and enforcement of compliance relating to information slips and outstanding returns, and the resolution of enquiries from taxpayers, their representatives, or employees of the Canada Revenue Agency.

## EDUCATION

**Conestoga College | Ontario College Advanced Diploma** Sep 2022 – Apr 2026

- Computer Programming & Analysis**
  - Focus on object-oriented analysis & design, algorithms & data structures, agile methodologies, associated theories.
- Google Developer Group Conestoga – Executive Lead - Volunteer Position** Sep 2023 – Present
  - Executive lead member of Conestoga's GDG. Responsible for organizing workshops for the student-body and contributing to the club's goals and growth.
- Marketing Student Ambassador – Part-time Position** Sep 2023 – May 2024
  - Provide support to the student recruitment team by helping plan and execute college events relating to domestic student recruitment. Communicate to prospective students information regarding Conestoga programs and campuses.

**Western University | Bachelor of Arts Degree** Sep 2016 – May 2020

- Major in Psychology, Minor in Criminology.
- Western Mustangs Varsity Track and Field Team (2016-2020).

## PROJECTS - full list found on portfolio site and GitHub linked above

### Band Press

- Laravel/Vue3/Vite/Postgres - deployed on Laravel Cloud
- Creates a website from a template repository, allowing small/local bands to update and manage their website through a user-friendly dashboard. Interacts with Github's API to push changes to a repository deployed through GH pages.
- Example site managed by Band Press - <https://rdoo1809.github.io/City-Ground-BandPress/>

### Websites

- ka2enrecords.com - website creation and ongoing management for independent music company based in Cairo, Egypt.
- invictusathletics.ca – revamp of club website from a single page GoDaddy template to a multi-page web app.
- rjdooley.ca - portfolio website creation and advertising of web developer services on separate linked business site.

### Course Manager Web App

- Creation of a data-driven web application using ASP.NET core MVC. Allows the user to add and remove courses from list, enrol students, send confirmation emails, update all other pertinent information. Complete with various unit tests.

## COMMUNITY INVOLVEMENT

**Invictus Athletics Club – Hurdle/Sprint Coach - Volunteer Position** Sep. 2022 – Present

- Coach of a youth track and field club primarily serving elementary and high school athletes. Support athletes at practice and competition, perform administrative and digital marketing work, contribute to club goals and growth.
- Accredited and certified coach under Athletics Canada and Athletics Ontario.