

Daniel Wyckoff

1975 Rosefield Road, Townhouse #100, Pickering, Ontario, Canada

Tel: +1 (905) 999-9058 **E-mail:** danielcwyckoff@gmail.com

Web: danielwyckoff.ca **Git:** github.com/raginpirate

EDUCATION

2015 – Present, University of Waterloo, Waterloo, Canada

Bachelor of Computer Science (Honours), Graduating September 2019

2011 – 2015, Pickering High School, Pickering, Ontario, Canada

Ontario Secondary School Diploma: Ontario Scholar

FRAMEWORKS, LIBRARIES, AND LANGUAGES

Rails, Jekyll, PostgreSQL, Sidekiq, jQuery, Bootstrap, Polaris, Selenium, Ruby, JS, HTML, CSS, C++, C, C#, Java

APPLICATIONS AND PLATFORMS

RubyMine, Git, Visual Studio, Eclipse, Unity, VirtualBox, Heroku, AWS, Shopify

WORK EXPERIENCE

Full-Stack Engineer for Fera.AI, Waterloo, Canada. April 2018 – Present.

- Working in an agile environment with Rails, constantly learning more about web technologies.
- Lead the development and deployment of three complete Shopify applications (In-Store Reserver, Extra Verification, and Theme Scheduler).
- Implemented and documented Fera.AI's JS API for future developers to utilise and expand upon.

Process Automation Contractor for Save-A-Life CPR, Waterloo, Canada. Jan. – April 2018.

- Assisted a small business with submitting their course data to the Red Cross in real time.
- Worked one on one with the client to identify the issues with the current manual process and convert it to one which could be automated.
- Developed a completed bot in Java to automate email creation and database submissions.

Mobile Application Developer for HeyGurlGames, Waterloo, Canada. May – Sept. 2017.

- Designed a technology integrated board game for our client in a small start-up environment.
- Worked on all aspects of the company from the ground up, including but not limited to: research and development, taking detailed notes of discussions, leading formal design meetings, and retroactively converting sections of our game into a fully-functioning Android/iOS application in C#.

PROJECTS

Danielwyckoff.ca, Personal Project (2019)

- Built an online resume theme for Jekyll that also serves to showcase personal achievements.
- Highly modular, the goal of the project was to make something other developers would actually want to use.
- Learned an immense amount about proper web fundamentals, Jekyll, and modular html design.
- Managed to achieve 100% in each applicable section of Google's Lighthouse auditor.

PROJECTS CONT.

CC3K (2D Rogue-Like Game), CS246 Final Project (2016)

- Worked with two other students developing a 2d rogue-like video game in C++, featuring a host of randomly generating monsters and maps, fully-functioning combat and class system, and clean user interface.
- Personally contributed to the general layout of the program by developing the controller for the graphics and AI, and worked alongside the other students designing and implementing the user interface and shadow engine.
- Assisted the team by troubleshooting various issues with dependencies and removing bugs from the finished product.
- Overall a successful and fun learning experience, earning 96.6%.

INTERESTS & ACHIEVEMENTS

- **Bursary:** University of Waterloo's Full-Time Bursary (2016-Present)
- **Scholarship:** University of Waterloo Entrance Scholarship (2015)
- **Ontario Scholar,** Pickering High School (2015)
- **Honour Roll,** Pickering High School (2012 – 2014)
- **Highest Proficiency Honour:** 100% in Introduction to Computer Studies (2013)
- **Lifesaving Society's Bronze Cross** (July 2013)
- **CPR-C and First Aid Training** (July 2013)
- **Trombone:** Previously a Pickering High senior, intermediate, and junior jazz ensemble member.
- **Building PCs:** Avid over-clocker and SFX dream-builder.
- **Coffee:** In constant pursuit of the perfect cup of coffee.