

Jennifer Dryden

I'm a driven software developer that is passionate about developing creative solutions to solve problems.



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Skills

Languages

C++

Java

JavaScript

Python

TypeScript

CSS

HTML

Frameworks

React

Angular

Bootstrap

Development

Git

Agile

Jira

Express

Node

AWS

Work Experience

■ Innovation Developer – Software

Royal Bank of Canada

July 2020 – Aug 2020

- Worked on internal retrospective tool to increase productivity within the workplace for 7,000+ employees using front and back end.
- Developed using Typescript, React, Node, Express and MariaDB.

Royal Bank of Canada

July 2019 – Aug 2019

- Revamped front and back end of an internal talent and performance management platform for 1700+ employees using HTML/CSS/Typescript (Bootstrap) and JavaScript (Angular).

■ Chief Product Officer and Co-Founder Stackd E-Sports Technology Company [🔗](#)

Oct 2019 – Present

- Developed inclusive E-sports matchmaking platform to connect gamers.
- Created using HTML/CSS and React JS framework on AWS, FastAPI and Python, as well as Docker.

■ FrontEnd Developer and UX/UI Designer Tally Ho Inn Resort [🔗](#)

Jan 2017 – July 2020

- Collaborated on the development of Resort web platform to drive engagement of website up by 300% using CSS, HTML and Adobe Suite.

Projects

■ Drive Green [🔗](#)

\$10,000 First Place Winner of RBC Next Great Innovator Hackathon

- Unity VR Game using C# to promote sustainable driving for teenagers.

■ Hand Spoken [🔗](#)

PennApps Hackathon Top 30 Finalist

- Desktop application with C#, Python, Tesseract, AWS Transcribe to convert old handwriting letters into a font.

■ Catalyst [🔗](#)

Winner of Capital One Gift the Code Hackathon

- Web platform using Python Flask and AWS to streamline workflows for Toronto Cat Rescue Volunteers.

Education

University of Waterloo

Bachelor of Applied Science
Systems Design Engineering
2020–2025

- President's Scholarship of Distinction

Activities

Silver Content Creator
Youtube, Google AdSense
Dec 2016 – Present

- 111k subscribers and 14.5+ million total views
- Collaborated with American Mobile App with 325 million installs.

Awards

- National Champion at World Robotics Olympiad and FIRST Lego League
- 2020 JA Canada Company of the Year
- 2020 JA Most Innovative Company
- Schulich Leader Nominee
- Silver Creator Award Youtube

Hackathons

- RBC NGI Hackathon, 1st
- Capital One Hackathon, 1st
- PennApps Hackathon, Finalist
- RBC Ideation, Greatest Impact Solution