

Adamo Orsini

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Skills

Programming Languages	JavaScript, Java, HTML, CSS, Python
Frameworks & Libraries	React, Next.js, WordPress
DevOps	Azure DevOps, GitHub Actions, Azure Pipelines, YAML
Software Development Tools	GitHub, Jira
Languages	English (Native), French (Intermediate)

Education

Concordia University

Montreal, Canada

B. ENG. IN SOFTWARE ENGINEERING. CO-OP.

Sept 2020 - May 2024 (Expected)

- 3.94 GPA
- Member of the Institute for Co-operative Education
- Dean's List 2020-2021

John Abbott College

Sainte-Anne-de-Bellevue, Canada

D.E.C. IN SCIENCES

Sept 2018 - June 2020

- Honour Roll Student (2018 - 2020)
- Graduated in the top 10% of the Sciences program

Experience

Software Engineer Intern

Montreal, Canada

PTC INC.

June - Aug 2022

- Spearheaded new company initiative in the Montreal office, paving the way for future development of reusable components.
- Documented, demoed, and presented project work as reference for future web component development.
- Collaborated in a scrum team with daily meetings for task grooming and allocation.

Intelligent Mobility Solutions Developer Intern

Montreal, Canada

GENETEC INC.

Sept - Dec 2021

- Increased modularity, flexibility, and speed of software deployment using custom Azure Pipelines YAML template.
- Developed C# command line application with numerous file manipulation commands.
- Implemented YAML template in deployment pipelines of production services and plugins.

Academic Tutor

Montreal, Canada

SELF-EMPLOYED

Sept 2020 - Sept 2021

- Customized tutoring for Mechanics, Electricity & Magnetism, Calculus I and Calculus II CÉGEP courses.
- Elevated student performance to 90%+ grade on midterms.

Web Developer

Montreal, Canada

COMPASS ATHLETIC ADVISING

Dec 2020 - Apr 2021

- Researched modern web design and SEO standards to attract target customer base.
- Collaborated with junior designer to create company logo, custom colour palettes, and company theme.
- Achieved 92% SEO score on Google Lighthouse.
- Utilized WordPress, Elementor, WooCommerce, custom HTML, CSS, and JavaScript.

Web Developer

Montreal, Canada

WEST ISLAND INFLATABLES

Aug 2020 - Dec 2020

- Updated website design and SEO capabilities according to company's vision.
- Developed cross-device compatibility for website consistency.
- Improved SEO score from 68% to 100% on Google Lighthouse.
- Utilized WordPress, Elementor, custom HTML and CSS.

Customer Experience Representative

Pointe-Claire, Canada

INDIGO BOOKS AND MUSIC INC.

Oct 2017 - Sept 2020

- Performed cash opening and closing, POS, inventory management, sales, restocking, and customer service.
- Drove sales in the electronics department using knowledge of current product trends including Fitbit and Kobo.
- Trained staff on electronics, POS, and engraving machine.
- Obtained numerous positive customer reviews.

Projects

GunHead (Video Game)

UNITY, C#

- Created 2D side-scrolling platformer using C# in Unity in 48 hours.
- Led the development team and storyboarding process.
- Submitted to the 2022 Concordia Game Jam.

[Concordia Game Jam](#)

Oct 2022

Bobble Shop Website

REACT, JAVASCRIPT, TEAM MANAGEMENT

- Managed the Front-End development team by allocating tasks and project planning.
- Increased team cohesion by teaching previously unknown topics to teammates, including React concepts and asynchronous programming.
- Designed CI/CD pipeline using GitHub Actions to test and deploy to Google Cloud App Engine.

[Concordia University](#)

Jan 2022 - Apr 2022

Theme Song Discord Bot

PYTHON, DISCORD.PY, MONGODB

- Designed Discord bot to play a unique theme song for each user.
- Developed bot using Discord.py API in Python. It is hosted by Heroku and uses a MongoDB database.
- Utilized asynchronous programming to handle user commands and events.

[Personal](#)

Oct 2021 - Nov 2021

Handwriting Recognition using Accelerometers

PYTHON, MATPLOTLIB, PYPLLOT, DATA MANIPULATION

- Programmed Python scripts to create and read from csv files of acceleration data.
- Collaborated with research supervisor and one teammate.
- Designed triple integration algorithm to retrieve position data visually using Matplotlib PyPlot.

[John Abbott College](#)

Feb 2020 - Apr 2020

Creation of Independently Traversing Arduino Robot

C++, ARDUINO, TINKERCAD, TEAM MANAGEMENT

- Used C++ and Arduino alongside motors, a servo, and an ultrasonic sensor.
- Managed group of 3 teammates during project.
- Achieved first place in class by avoiding all randomized obstacles in the allotted 2-minute timeframe.

[John Abbott College](#)

Sept 2019 - Dec 2019

The Ascent

UNITY, C#, PHOTOSHOP, AUDACITY

- Programmed a 2D platformer game in C# using the Unity 2D game engine.
- Awarded Great Distinction at Hydro-Québec Science Fair hosted by Concordia University.

[St. Thomas High School](#)

June 2017 - Aug 2017

Competitions

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| Feb 2022 | Best National Team , ENGCOMM 2022 | ENGCOMM |
| Nov 2021 | 3rd Place , Englympics: Programming | Concordia University |
| Oct 2021 | 1st Place Winner , ENGCOMM x Concordia | Concordia University |
| Mar 2021 | Participant , Genetec Challenge | Genetec Inc. |
| Jan 2021 | Participant , Coveo Blitz | Coveo Solutions Inc. |
| Mar 2018 | Great Distinction , Hydro-Quebec Science Fair | Hydro-Quebec |

Awards & Distinctions

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| Jul 2022 | Dean's List | Concordia University |
| Jan 2021 | Bursary for Excellence in Engineering | Concordia University |
| Sept 2020 | CEGEP Entrance Scholarship | Concordia University |
| Mar 2018 | John Abbott College Science Award | Hydro-Quebec Science Fair |

Associations

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| Oct 2021 | HackConcordia | Concordia University |
| Sept 2020 | Engineering and Computer Science Association | Concordia University |
| Sept 2020 | Software Engineering and Computer Science Society | Concordia University |
| Sept 2020 | Institute for Co-operative Education | Concordia University |