Adamo Orsini

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Skills

Programming Languages	JavaScript, Java, HTML, CSS, Python
Frameworks & Libraries	React, Next.js, WordPress
DevOps	Azure DevOps, 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

Theme Song Discord Bot 🎧
PYTHON, DISCORD.PY, MONGODB

Personal

Oct 2021 - Nov 2021

- 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.

Grocery Store Website 🎧
HTML, CSS, BOOTSTRAP, PHP, JAVASCRIPT

Concordia University

Feb 2021 - Apr 2021

- Built front-end using HTML, CSS, Bootstrap and JavaScript.
- Built back-end using PHP and JSON files.
- Collaborated in team of 5 classmates.

Handwriting Recognition using Accelerometers 🎧
PYTHON, MATPLOTLIB, PYPLOT, DATA MANIPULATION

John Abbott College

Feb 2020 - Apr 2020

- 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.

Creation of Arduino Robot to Independently Traverse a Random Obstacle Course
C++, ARDUINO, TINKERCAD, TEAM MANAGEMENT

John Abbott College

Sept 2019 - Dec 2019

- 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 obstacles in the allotted 2-minute timeframe.

The Ascent 🎧
C#, UNITY, PHOTOSHOP, AUDACITY

St. Thomas High School

June 2017 - Aug 2017

- 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.

Volunteering

Co-op Mentor
INSTITUTE FOR CO-OPERATIVE EDUCATION

Concordia University

Nov 2021 - Present

- Mentored two first-year Software Engineering Co-op students at Concordia University.
- Restructured student resume and portfolio, leading them to attract 6 offers for an internship.
- Shared internship experience, Co-op tips, and academic resources.

Competitions

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

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

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*