Adamo Orsini

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Skills

Programming	Java, C#, Python
Front-end	HTML, CSS, JavaScript, WordPress, React (Beginner)
DevOps	Azure DevOps, YAML
Version Control	Git
Languages	English (Native), French (Intermediate)

Education

Concordia University   *Montreal, Canada*
B. Eng. in Software Engineering. Co-op.   *Sep 2020 - May 2024 (Expected)*

- 3.98 / 4.30 GPA
- Member of the Institute for Co-operative Education

John Abbott College   *Sainte-Anne-de-Bellevue, Canada*
D.E.C. in Sciences   *Sep 2018 - June 2020*

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

Experience

Genetec Inc.   *Montreal, Canada*
Intelligent Mobility Solutions Developer Intern   *Sep 2021 - Present*

- 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.

Compass Athletic Advising   *Montreal, Canada*
Web Developer   *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.

West Island Inflatables   *Montreal, Canada*
Web Developer   *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.

Indigo Books and Music Inc.   *Pointe-Claire, Canada*
Customer Experience Representative   *Oct 2017 - Sep 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, ASYNCHRONOUS PROGRAMMING, DISCORD.PY, FLASK, REPLIT

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 a Flask server and uses a Replit 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

Sep 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.

Competitions

Oct 2021	**1st Place Winner**, ENGCOMM x Concordia	*Virtual*
Mar 2021	**Participant**, Genetec Challenge	*Virtual*
Jan 2021	**Participant**, Coveo Blitz	*Virtual*
Mar 2018	**Great Distinction**, Hydro-Quebec Science Fair	*Montreal, Canada*

Awards & Distinctions

Jan 2021	**Bursary for Excellence in Engineering**, Concordia University
Sep 2020	**CEGEP Entrance Scholarship**, Concordia University
Mar 2018	**John Abbott College Science Award**, Hydro-Quebec Science Fair

Associations

Oct 2021	**HackConcordia**, Concordia University
Sep 2020	**Engineering and Computer Science Association**, Concordia University
Sep 2020	**Software Engineering and Computer Science Society**, Concordia University