ADAMO ORSINI

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LinkedIn • GitHub • Portfolio website

SUMMARY OF SKILLS AND QUALIFICATIONS

Programming	Java • HTML • CSS/Bootstrap • JavaScript • Python • PHP • C# (Beginner) • C++ (Beginner)
Applications	Eclipse • Visual Studio Code • Microsoft Office: Word • Excel • PPT
Other	GitHub • WordPress • Unity • Fusion 360 • SketchUp (Beginner)
Languages	English│Spoken & Written • French│Spoken & Written

EDUCATION

Bachelor of Engineering – Software Engineering Co-op   **2020 - 2024 (Expected)**

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- 4.17 GPA
- Relevant Courses: Data Structures & Algorithms (In progress), Object-Oriented Programming II, Web Programming

DEC in Sciences   **2018 - 2020**

John Abbott College, Sainte-Anne-de-Bellevue, QC

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

PROJECTS

Grocery Store Website   **Feb 2021 – Apr 2021**

Concordia University, Montreal, QC

- 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   **Feb 2020 – Apr 2020**

John Abbott College, Saint-Anne-de-Bellevue, QC

- 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

Determining the Position of an Accelerometer Sensor using Linear Regression   **Jan 2020 – Mar 2020**

John Abbott College, Saint-Anne-de-Bellevue, QC

- Designed a method of locating an accelerometer sensor using a rotating turntable and linear regression
- Collaborated with research supervisor and one teammate
- Determined location of sensor using Excel with an error margin of 0.49cm horizontally and 0.03cm vertically

Creation of Arduino Robot to Independently Traverse a Random Obstacle Course   **Sep 2019 – Dec 2019**

John Abbott College, Saint-Anne-de-Bellevue, QC

- 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 Video Game   **Jun 2017 – Aug 2017**
St. Thomas High School, Pointe-Claire, QC
- 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

WORK EXPERIENCE

Academic Tutor   **Sep 2020 - Present**
Self-Employed, Pointe-Claire, QC
- Customized tutoring for Mechanics, Electricity & Magnetism, Calculus I and Calculus II CÉGEP courses
- Elevated student performance to 90%+ grade on midterms

Web Developer   **Dec 2020 – Apr 2021**
Compass Athletic Advising, Montreal, QC
- Researched modern web design and SEO standards to attract target customer base
- Worked alongside 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   **Aug 2020 - Dec 2020**
West Island Inflatables, Montreal, QC
- 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   **Oct 2017 – Sept 2020**
Indigo Books and Music Inc., Pointe-Claire, QC
- 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

AWARDS & DISTINCTIONS

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

PROFESSIONAL ASSOCIATIONS

Member of: **Sept 2020 - present**
Concordia University, Montreal, QC
- Engineering and Computer Science Association
- Software Engineering and Computer Science Society

INTERESTS

Experience Abroad	Italy and Greece (2017), Croatia and Slovenia (2018), Croatia Birthright Program (2019)
Reading	Non-fiction, Horror, Manga, Sci-Fi, Thriller
Passions	Gaming, Tech enthusiast, PC building, Guitar, Board games, Photography, Movies