

Adamo Orsini

✉ adamo.orsini01@gmail.com | 🏠 adamoorsini.com | 📧 Adamo-O | 🌐 adamo-orsini

Skills

Programming Languages TypeScript, JavaScript, HTML, CSS, Python, Java, C++
Frameworks & Libraries Next.js, React, Express, Firebase, Astro, WordPress
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
- Dean's List (2020 - 2023)
- Member of the Institute for Co-operative Education

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

Chief Technology Officer

Remote

SOFTGOLF

Jan 2024 - Present

- Led re-architecture and re-development of the SoftGolf platform into a modern full-stack web application.
- Collaborate regularly with CEOs and customers to continuously deliver new requirements.
- Developed responsive web application using Next.js, tRPC, Prisma, and PlanetScale with scaling and SEO at the forefront.

Software Engineer Intern

Ljubljana, Slovenia

LABORATORY OF ENERGY POLICY

May - Aug 2023

- Planned, presented, and designed scalable full-stack web application architecture for a new project.
- Supported extension of application data by planning a customizable API for use by new country representatives.
- Developed PV solar panel investment tool usable by consumers or energy communities to estimate CO2 emissions, energy cost and savings over time, and the optimal PV configuration.

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.

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

Interlinked

PROJECT MANAGEMENT, FIREBASE, NEXT.JS, TYPESCRIPT

[Concordia University](#)

Jan 2023 - Apr 2023

- Led frontend development by recording React and Next.js tutorials for teammates, pair programming, and showing clear communication.
- Developed LinkedIn clone designed for IT and tech professionals using React, Next.js, Cypress, Firebase, and Vercel.
- Presented as one of the best projects in the class thanks to successful task allocation, task dependency mapping, and implementation scheduling.

Handle

TENSORFLOW.JS, REACT, VITE

[Concordia University](#)

Mar 2023 - Apr 2023

- Designed interactive ASL Wordle game to promote ASL learning and communication.
- Used Tensorflow.js hand-tracking model to track hand joint movements.
- Surveyed test population of inexperienced ASL users, resulting in a 70% accuracy improvement after using our app.

CrossCast

NEXT.JS, TYPESCRIPT, PROJECT PLANNING

[ConUHacks VII](#)

Jan 2023

- Directed development of full-stack Next.js and TypeScript web application.
- Won Mirego sponsorship challenge at ConUHacks VII.
- Designed centralized application for cross-platform company updates and news.

GunHead (Video Game)

UNITY, C#

[Concordia Game Jam](#)

Oct 2022

- 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.

Bobble Shop Website

REACT, JAVASCRIPT, TEAM MANAGEMENT

[Concordia University](#)

Jan 2022 - Apr 2022

- 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.

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.

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.

Competitions

Jan 2022 **Mirego Sponsor Challenge Winner**, ConUHacks VII

[Concordia University](#)

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](#)