

Hello. I'm **Hector Perez Hoffman**.

Languages

Fluent at a native level in:

- English
- French
- Spanish

Able to converse, write, and work with a development team in any of these languages.

Soft Skills

- Eloquent and precise communicator
- Detail oriented
- Independent, but eager to collaborate
- Good at time management

Contact me

resume@hector-perez.com

Education

2019 – STILL ATTENDING

BACHELOR OF ARTS: SOFTWARE ENGINEERING MAJOR

McGill University | Montreal, Canada

- Graduating in December 2022.
- Completed courses on: data structures, algorithms, software design, functional programming, assembly, linear algebra, discrete math, and natural language processing.

2017 – 2019

DIPLOMA OF COLLEGE STUDIES IN SOCIAL SCIENCES: COMMERCE PROFILE

Dawson College | Montreal, Canada

- Post-secondary CEGEP diploma, mandatory in Quebec for university admission.
- Program focused on mathematics, economics, and business skills.

Hard Skills

.NET DEVELOPMENT

Proficient in C# and VB.NET, using Visual Studio

Completed client-server business utilities to manage the delivery of complex government programs, using WPF, LINQ, and a large, undocumented, legacy code base.

PYTHON DEVELOPMENT

Proficient in Python, using PyCharm and Google Colaboratory

Completed university level assignments for courses on natural language processing and data science, using Scikit-Learn, Pandas, LingPy, NumPy, and Seaborn.

JAVA DEVELOPMENT

Proficient in Java, using IntelliJ IDEA

Completed university level assignments and projects for courses on data structures, algorithm design, and software design, using the JDK and JUnit.

IOS DEVELOPMENT

Proficient in Swift and Objective-C, using Xcode

Completed personal utilities to automate routines, manage tasks, track time, and maintain personal databases, using UIKit and SwiftUI.

Experience →

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Events

2019

IMPLEMENT AI HACKATHON

Took part in the last in-person hackathon organized by the McGill AI Society.

2017

QUÉBEC STUDENT PARLIAMENT

Took part in a week long parliamentary simulation on the grounds of the National Assembly of Québec as the member for Jeanne-Mance Viger.

Hobbies

- Vintage technology
 - Collecting vintage computers and handhelds
 - Virtualizing and emulating obscure or vintage OSs
 - My Apple II and Macintosh SE are my crown jewels
- Reading and debating politics and economics
- Board games

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Work Experience

2020 – CURRENT JOB | PART TIME DURING ACADEMIC YEAR

STUDENT SOFTWARE DEVELOPER AT REVENU QUÉBEC

Teleworking with a Quebec City Team

- Worked within an Agile development team inside the tax agency to support the operations of the province's support payments program.
- Developed utilities to enable public servants to rectify irregularities within files in an independent manner, as part of the replacement of legacy mainframes.
- Collaborated remotely with my Quebec City based team using Azure DevOps and Teams.

2018 – 2020

STUDENT TECHNICIAN AT REVENU QUÉBEC

Montreal, Canada

- Developed efficient automated workflows for various tasks, interfacing with multiple legacy mainframe systems built on different technologies and decades.
- Verified the validity of sales tax reimbursements for newly built or renovated properties.
- Entrusted security clearance to manage sensitive taxpayer information in bulk.

2017 – 2018

SALES ASSOCIATE AT KODOO MOBILE

Montreal, Canada

- Took responsibility of day-to-day tasks related to inventory and accounting.
- Provided personally tailored handset recommendations, technical support, and data migration to customers.

Work References

MARTIN GAMACHE

EXPERT CONSULTANT IN PROJECT
MANAGEMENT AT REVENU
QUÉBEC

Work colleague at Revenu Québec. Senior manager at the Direction générale des technologies de l'information.

ISABELLE MELANÇON

MEMBER OF THE NATIONAL
ASSEMBLY OF QUÉBEC FOR
VERDUN

Volunteered for her campaign by phone banking, knocking on doors, and getting the vote out on election day.