

Félix Poirier

B.A.A. financial mathematics student

Contact

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Key Skills

Python
C++
SQL
Excel
Power Point
VBA
SAP

Languages

English
French

Activities and Interests

Algorithms
Programming
Derivatives
Financial modelling
Economics

Aspirations

Becoming a financial engineer
International consulting
Working for a hedge fund
Starting my own software company

Profile (INTJ-A)

Analytical, focused and pragmatic. Experience with delivering optimized solutions and automating processes. Solid understanding of object oriented programming languages. Great team worker who loves working around competent and motivated people. Enthusiastic about capital management, trading systems, machine learning, statistical learning, financial software and mathematics. Clear communicator and capacity to take leadership roles.

Projects

Python stochastic oscillators trading bot [\(link\)](#)

Context : During this project I utilized Interactive Broker's API and created an algorithm that performs trades based on the stochastic oscillator. The algorithm also integrates risk management by utilizing moving stop loss orders.

What I learned : I learned to interact with an API, to understand its error messages and find solutions. I learned how to back test strategies and to perform comprehensive analysis of the algorithm's performance. I learned develop robust code that doesn't break.

Python portfolio optimizer [\(link\)](#)

Context : During this project I utilized my knowledge in linear algebra to develop a program that fetches data and build tailored portfolios based on the users requirements. Then the program presents relevant benchmarks about the generated portfolio.

What I learned : I learned to develop programs in teams. I learned basics in object oriented programming to facilitate the reusability of my code. I learned techniques to debug code written by other people. I learned to use data science libraries like pandas, scikit learn, numpy, etc.

Python personal portfolio website [\(link\)](#)

Context : During this project I learned how to develop a website using the MVT pattern with Django and its powerful tools. This website helps me stand out in the hiring process and acts as a hub where I can showcase everything about me!

What I learned : I learned how to develop a website, which involves managing databases, developing the backend and customizing the frontend. I learned about git and how to commit, push, pull, etc. I also learned a lot about virtual machines like Google Cloud Platforms.

Excel ERP SIM Dashboard using VBA

Context : During this project I was given the task of creating an interactive dashboard that could display relevant information in a simulation for my introductory I.T class. This dashboard, using VBA, displayed information about sales by product, for every region and efficiently displayed storage locations and quantities available. Ultimately this project allowed my team to win the simulation by a long shot, we got a perfect grade and developed a lasting bond.

What I learned : I learned to use VBA macros, to link to external databases and to create responsive data visualizations. I also learned to work under strict deadlines and to debug applications. I also learned to accurately present solutions to non-programmers in a digestible and comprehensive way.

Education

January 2021 - Present

BAA • HEC Montréal, Québec, Canada

Achievements

3.9 GPA

Mention of Excellence for 2021 summer semester

Mention of Excellence for 2021 fall semester

Mention of Excellence for 2022 winter semester

Many scholarships

Academic vice president

August 2018 - January 2021

College diploma in administration • College Montmorency • Laval, Québec, Canada
