CÉDRIC LAM

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SUMMARY

Final-year Bachelor's student in Computer Science and Business Administration, and future Master's student in Data Science and Business Analytics. Experienced in medical informatics, front-end development and coaching. Proven skills in data analysis, performance optimization, project management, finance and SQL databases. Seeking opportunities to apply and refine these skills in a data science and programming role.

EDUCATION

B.S., Computer Science   Graduating December 2023
TELUQ University   3.69 GPA, 48/60 credits
Relevant coursework: Programming in Java and C++, Algorithms, and Data Systems

B.A.A. Honor, Applied math, economics, and finance   Graduating December 2023
HEC Montreal   3.63 GPA, 81/90 credits
Relevant coursework: Statistical Learning, Applied Mathematics, Probability, and Stochastic Calculus

MSc Data Science and Business analytics   Graduating December 2024
HEC Montreal   3 credits in progress
Relevant coursework: Starting in Winter 2024

TECHNICAL SKILLS

Data Analysis and Statistics: Excel, Python, Bloomberg Terminal
Programming: Python, Java, C++, SQL, JavaScript
Languages spoken and written: French (native), English (fluent), Spanish (intermediate), Mandarin (intermediate)

EXPERIENCE

MTL Web Geeks, Montreal, QC: Salesforce Developper   June 2023 - Present

- Consulted for several L'Oréal brand websites, working autonomously with brand representatives.
- Created an automatic import tool for L'Oréal's Canadian website using Python and web scraping techniques to facilitate the management of international content.
- Actively participated in optimizing marketing strategies by integrating Salesforce automation solutions.

Côte Saint-Luc Aquatics, Côte Saint-Luc, QC: Swimming Coach   September 2022 - June 2023

- Developed artificial intelligence models using TensorFlow to analyze and predict swimmers' performances based on historical performance data.
- Developed performance indicators for swimmers using optimization algorithms to improve training techniques.

Centre Dentaire Lam, Montreal, QC: IT System Management   December 2018 - Present

- Managed Microsoft SQL databases, facilitating remote work for employees during the pandemic.
- Automated manual processes such as database backups and appointment reminders using Python scripts.
- Ensured regular maintenance and updating of computer systems to optimize operations.

ACTIVITIES

HEC Montréal Trading Club   April 2023 - Present
Vice-President of Technologies

- Developed, researched, and implemented quantitative trading strategies as a developer.
- Participated in organizing and conducting Python information sessions to teach the programming language to the HEC community.
- Contributed to the creation of algorithmic trading tools using Python and quantitative trading platforms to analyze the financial market.
- Participated in various academic competitions, including Rothman Trading, HEC Stock Pitch, I3C, and Poly Data Challenge.

Sport Match Prediction Project   April 2023 - Present
Creation of Artificial Intelligence Model

- Designed and implemented a neural artificial intelligence model in Python with TensorFlow to predict victory probabilities in various sports, utilizing advanced deep learning techniques.
- Optimized model performance through meticulous selection and adjustment of features and hyperparameters, aiming to maximize prediction accuracy.