

Jeffrey Chan

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SKILLS AND QUALIFICATIONS

Applications | PyCharm • Jupyter Notebook • Eclipse • Snowflake • Visual Studio • Microsoft Office

Programming | Python (Intermediate) • Java • SQL • MongoDB • JavaScript • HTML • CSS • Git • TensorFlow 2.0

Languages | English | Spoken & Written • French | Spoken & Written • Cantonese | Spoken

Licenses & Certifications | TestDome Certification (Python)

EDUCATION

Bachelor of Engineering – Software Engineering C-Edge

January 2020 – April 2023

Concordia University, Montreal, QC Canada

- Member of the Institute for Co-Operative Education (3.6 GPA)
- Relevant Courses: Machine Learning, Big Data Analytics, Artificial Intelligence, Data Structures and Algorithms

WORK EXPERIENCE

Data Engineering Intern

May 2021 - August 2021

Intact Financial Corporation. Montreal, QC

- Remodeled and optimized technical requirements of existing data collection systems
- Solved conflicts through data validation within cataloguing software
- Engineered data structures to conform to requirement of the insurance pricing engine
- Optimized data storage alongside Data Engineers in developing a proof of concept after completion of the analysis

Relevant Skills: Python, SQL Server databases. Data Analysis, Erwin Data Catalogue, Snowflake

Business Intelligence Developer

January 2021 - April 2021

McGill University. Montreal, QC

- Extracted requirements, coded, and tested new software, perform maintenance and enhancements to software
- Generated reports using PowerBI and SSRS

Relevant Skills: SQL Server databases. Software Development and Analysis

Lead Student Researcher and Programmer

June 2019 - February 2020

John Abbott College, Montreal, QC

- Performed extraction, preprocessing, visualization, and analysis of data from sensors using Python
- Documented development risk, including hardware incompatibilities, and toolset limitations

Relevant Skills: Python, Analysis, Problem-Solving, Teamwork, Collaboration, and Project Management

PROJECTS

Esports Data Analytics

2019 - present

- Currently producing insightful statistics from raw data, preprocess data into useable a useable dataset for machine learning using Python and create graphical representation of statistics
- Application of data science libraries such as NumPy, Pandas, Sci-Kit learn and Matplotlib

VOLUNTEER WORK

Executive Vice-President

April 2021 – May 2022

ENGCOMM, Montreal, QC

- Led a team of Vice-Presidents to accomplish their departmental goals
- Executed administrative tasks to support to the President with their mandate and tasks
- Handled day-to-day operational tasks such as setting deadlines, overseeing department progress, and organizing meetings
- Oversaw a weeklong international engineering and business case competition

Vice-President, Technology

July 2020 – April 2021

ENGCOMM, Montreal, QC

- Led the transition to an online case competition platform during the COVID-19 pandemic
- Administered technical support in a timely manner during online case competition
- Supervised and organized communication systems on platforms
- Trained team members through creating written instructions and media