

Jeffrey Chan

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SKILLS AND QUALIFICATIONS

Applications | PyCharm • PowerBI • Eclipse • Snowflake • Toad • Visual Studio • Word • Excel • PowerPoint

Programming | Python (Intermediate) • Java • SQL • 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

2020 - 2023 (Expected)

Concordia University, Montreal, QC Canada

- Member of the Institute for Co-Operative Education (3.6 GPA)
- Relevant Courses: Data Structures and Algorithms, Operating Systems

WORK EXPERIENCE

Data Engineering Intern

May 2021 - August 2021

Intact Financial Corporation. Montreal, QC

- Translated technical requirements of data collection systems
- Performed data validation within cataloguing software
- Manipulated data structures to conform to Intact's insurance pricing engine
- Worked with Data Engineers in developing a proof of concept after completing the analysis

Relevant Skills: 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: Data Science, 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

- Managing a team of Vice-Presidents to accomplish their departmental goals
- Providing support to the President with their mandate and tasks
- Perform day-to-day operational tasks such as setting deadlines, overseeing department progress and organizing meetings
- Plan and lead a weeklong international engineering and business case competition

Vice-President, Technology

July 2020 – April 2021

ENGCOMM, Montreal, QC

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