

Nicholas Turenne

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Projects

Student Success Experiment – MAY 2025 - AUGUST 2025 – *Python/SQL, Group, Professional*

- Performed ETL processes on large amounts of student data in Microsoft Fabric to extract necessary information to construct a predictive model.
- Conducted exploratory data analysis to identify patterns, anomalies, and KPI's using visualizations and statistical summarizations.
- Assisted senior data scientists in developing a predictive model using scikit-learn to identify leading indicators to successfully classify student success or failure.

Transcript Analysis – NOVEMBER 2025 - DECEMBER 2025 – *Python, Solo, Personal*

- Designed a modular data analysis pipeline to clean, analyze, and visualize academic performance data.
- Engineered weighted GPA and course difficulty metrics using credit-weighted grade points.
- Compared personal GPA trends against class averages across academic terms using custom visualizations.

UFC Fight Stats Visualizer – FEBRUARY 2025 - MARCH 2025 – *Python, Solo, Personal*

- Created a Web Scraper using the BeautifulSoup library to gather fighter matchup information for the most recent upcoming UFC event.
- Visualized the gathered fighter information to provide quick and clear fighter matchup insights.

Technical Skills

Languages: Python, C#, C/C++, Rust, SQL, R, MATLAB, Java, Kotlin, JavaScript

Frameworks & Tools: scikit-learn, BeautifulSoup, Power BI, Microsoft Fabric, Unity, Godot, Android Studio

Concepts: Data Analysis, ETL Pipelines, Databases (Relational & NoSQL), Machine Learning & AI, Object-Oriented Programming, Functional Programming, Algorithms & Data Structures

Work Experience

Junior AI and Data Analyst – *SFU'S Big Data Hub* – MAY 2025 - AUGUST 2025

- Worked in an agile scrum environment to effectively complete tasks on time.
- Collaborated with data scientists to implement a predictive model to identify student success.

IT Analyst – *Shared Services Canada* – MAY 2023 - DECEMBER 2023

- Assisted clients in troubleshooting various technical issues to give clients a smooth work experience.
- Managed the creation, deletion, and transfer of various client email accounts to create a seamless transition period for clients.

Education

B.Sc. Computing Science – *Simon Fraser University* – SEPTEMBER 2020 - DECEMBER 2025

- Cumulative GPA: 3.53, Computing Science GPA: 3.72
- Dean's Honour Roll: SPRING 2023, SPRING 2024

Certifications and Awards

UiPath Studio Essential Training – *LinkedIn Learning* – JUNE 2025

Introduction to Microsoft Fabric by Microsoft Press – *LinkedIn Learning* – MAY 2025

B.C. Provincial Lacrosse Champion – *Coquitlam Adanacs* – 2016, 2017, 2018, 2019, 2021, 2022