

# Myckland Matthew

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## TECHNICAL SKILLS

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- **Programming language:** Python, Java
- **Database management:** SQL (MS SQL Server)
- **Data visualization:** Pandas, Scikit-Learn, Matplotlib, Seaborn, Tableau
- **Statistical analysis:** R, NumPy
- **Web development programming:** HTML, CSS, JavaScript
- **MS Office**

## WORK EXPERIENCE

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### **Project Analyst/ Assistant** | September 2021 to Apr 2022

BC Liquor Distribution Branch – Vancouver, BC

- With Senior project manager, performed as the central point of contact for project inquiries; issued communications and monitored the project on a bi-weekly basis.
- Coordinated communication between department on annual project with budget more than \$1M dollar and come up with a new and effective communication plan to ensure effectiveness.
- Developed tools for resourcing, progress updates, timesheets, budget, and risk management. Collected and interpreted data, including financial prognosis and risk prioritization.

### **Data Entry Co-Op** | June 2021 to August 2021

The Agency for Cooperative Housing – Vancouver, BC

- Performed data entry task online to The Agency online system (CHAS) to assist data gathering process for over 30 Cooperative Housing across British Columbia and Alberta.
- Worked alongside two different teams consistently (IT Division and Rental Support Program Division) to complete assigned tasks, assistance and provide analysis report for supervisors to track weekly team performance.
- Lead and created several technology workshops for over 20 people in upper-level management teams including managers and directors and CEO to help with the transition to the new software.

## EDUCATION & CERTIFICATIONS

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Simon Fraser University - Burnaby, BC | Bachelor of Science | September 2020 to Current

**Major: Data Science (GPA = 3.70)**

**Data Science Student Union – Council Representative** | November 2020 to April 2021

### Online Certifications

- *Google Project Management Profesional Certification* | April 2022
- *Python from scratch - From Basics to Advanced Level [Udemy]* | December 2020 •  
*Machine Learning- Step by Step form basic to Advanced Level [Udemy]* | December 2020

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## PROJECTS & COMPETITION cntd.

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### **Vancouver Neighbourhood Analysis** | Aug 2021

- Created a web application where users can set preferable attributes on Vancouver Neighbourhood and come up with ranking lists
- Pre-processed large dataset using python and fetching data from multiple APIs.
- Worked collaboratively in a team of 3 using Git and Github.

### **TransLink Twitter Bus Disruption** | January 2021

- Coded a web scraper in R to analyze TransLink's Twitter data to identify tweets containing schedule disruptions.
- Cleaned and structured scraped data using regex and string manipulations using tidyverse and stringr libraries.
- Implement filter function for tweets data based on date and time inputs.

### **KPMG Data Analytics Virtual Internship (Modules 1-3)** | October 2020

- Cleaned and processed dataset using various tools which would be used for analysis.
- Targeted high value customers based on customer demographics and attributes.
- Prepared presentation using data visualization tools which then used as a finalized assessment to complete the program.

## WORK EXPERIENCE cntd.

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### **Teaching Assistant** | October 2020 to Current

Kumon Sapperton – New Westminster, BC

- Supported others assistant with test administration, curriculum development and assignment grading.
- Delivered personalized educational, behavioral, and emotional support to individual students to enable positive learning outcomes
- Implemented hands-on exercises and used repetition, which enabled students to grasp new mathematic and English concepts quickly.

## VOLUNTEER EXPERIENCE

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### **Indonesian Catholic Young Adult Society (Mudika Vancouver)**

#### **Cell Group Vice Coordinator** | October 2020 to Current

- Lead a group consisting of 30 people in bi-weekly bible sharing.
- Actively engage in presenting teaching and leading worship session.

#### **Annual Retreat President** | October 2019

- Lead a team of 25 executives in preparing annual 3D/2N retreat for 70 catholic youth and young adult.
- Responsible for reaching out to guest speakers, venues, and sponsor. **INTERESTS**

#### **Activities:**

- Sports (weightlifting, calisthenics)
- Play acoustic guitar(pop)