

Education

Msc Business Intelligence	Algonquin College, Ottawa	Jan 2021 - Dec 2021
<ul style="list-style-type: none"> Graduate Certificate : 3.6/GPA Core Modules : Core Modules: Business Intelligence Programming(Python), Data Visualization (Power Bi/Tableau), Data Science Foundation, Database Analysts (SQL), Data Modeling, Security & Administration BI Platform (IBM Cognos) 		
Msc Accounting	Sun Yat-Sen University, Guangzhou	Mar 2016 - Jun 2019
<ul style="list-style-type: none"> Graduate Certificate : 3.5/GPA 		
Bsc Computer Science	Guangzhou University, Guangzhou	Sep 2008 - Jun 2012

Professional Experience

IT Security Co-op	MD Financial Management ,Ottawa	Sep 2021 - Present
<ul style="list-style-type: none"> Responsible for handling security data generated from DLP, IBM Q radar platform, and Phishing Simulation system Conduct the ETL of the total security data (flat file) which was generated in the past two years into the DBMS Engage in the data modeling and data visualization of security data via Power BI and then generate data analytical reports <p>Achievements: Handled nearly 600 thousand rows of DLP data and elaborated data analytical reports within a 2 weeks; dealt with over 30 thousand rows of newly generated security data per month</p>		
Manager Assistant	Guangdong Hui Dong Technology,Canton	Aug. 2019 - Dec. 2020
<ul style="list-style-type: none"> Analyzed operations metrics and sales data to render data analytical reports as the data support to the decision-making process Assisted in conducting financial analysis, preparing financial reports, drafting capital plans, and offering cost control advice Took part in the front-end programming task and coordinated the communications between users and software developers 		
Product Quality Inspector	China Tobacco Industrial Co., Ltd,Canton	Nov 2012 - Jun 2019
<ul style="list-style-type: none"> Quality inspection : Responsible for product quality inspection to ensure delivered products meet the quality inspection standards Organize production : Planned the daily work arrangement of workers and replenished materials and store them neatly, to make sure production activities was carried out in an orderly manner. 		

Academic Project

Power BI Project	Impact of covid-19 policy on economic recovery in different countries
<ul style="list-style-type: none"> Summary: A research project aiming to investigate the impacts of COVID-19 policy on the economic recovery by data analysis Personal duties: Collected, sorted out, and analyzed the relevant data from various reliable source; employed Excel and Tableau to complete data ETL; utilized Power BI to perform data modeling and data visualization Conclusion: Completed a data analytical report that revealed the correlations between economic recovery data and COVID-19 related data (e.g. lock down days and the total cases) 	
Python Project	Text Analysis of Literary Classics
<ul style="list-style-type: none"> Summary: Python programming project implement automatic text analysis and data file storage Personal duties: Coded a program to automatically perform the statistical analysis of selected literary classics and novels in Python; developed a user interface to help users select the text for analysis and the directory for data analysis file storage Conclusion: Successfully developed a program to implement all requirements in this project 	

Capstone Project

Income gaps analyze of Canada citizens

- Summary: A capstone project with ESDC to analyze the income gaps of citizens from the perspective of different identities
- Personal duties: Imported Data into SQL Database ,employed Power BI to complete the data ETL, data modeling, and data visualization of the given data (over 400 thousand rows); built a website to present the visualized data analytical report in accordance with ESDCs requirements
- Conclusion: Successfully completed the capstone project and created a website to demonstrate the outcomes of data analysis

Skills

Data Analytic Tools: Excel (proficient), SPSS Modeler (proficient), Power BI (Proficient), Tableau (proficient)

Languages: English (fluent) Chinese (native)

Modem Languages: Python (familiar), SQL (familiar), HTML/CSS (familiar)

Professional Reference

Name: Xiao Wan Wang
Title: Workshop director
Company: Guangzhou Tobacco Factory
Email: wxw23@163.com

Name: De Cai Wang
Title: Manager
Company: Guangzhou Hui dong Co.Ltd
Email: pkwdc@qq.com

Academic Project