Vanessa Yuen

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CONTACT

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AWARD

Winner of
Halifax Innovation Challenge 2021
(Group 23, organized by IBM & RBC)

Best Design Award of
Ocean Data Challenge 2022
(organized by DeepSense)

Creative Solution Award of
Ocean Data Challenge 2023
(organized by DeepSense)

LANGUAGE

English, Cantonese, Madarin

EDUCATION

**Diploma in
IT Data Analystics**
Nova Scotia Community College
Graduate of 2023

**MSc in
Data Science and Business Statistics**
Chinese University of Hong Kong
Graduated 2011

**BSc (Hons) in
Computing Mathematics**
City University of Hong Kong
Graduated 2006

SKILLS

- Machine Learning / Mathematical Regression – R Studio, Python, SAS JMP
- Big Data Analysis – API, PowerShell, Python
- Data Visualization – PowerBI, SSRS, Flourish
- Data ETL - SSIS
- Database management - SQL Server, Data Flow Diagram, Entity Relationship Diagram
- Programming / Web Development – Java Script, Android Studio, Java
- Microsoft Word/Excel/PowerPoint/Access

SCHOOL PROJECTS

- Covid-19 database establishment, data analysis and visualization
- Canada Drug database integration and analysis by ETL
- Data Visualization, story telling in Big Mac Index
- Apple Inc. stock price prediction by machine learning using Python

AWARDED PROJECTS

- Regression model establishment on PM2.5 index in Halifax downtown, using daily weather data
- Unstructured data analysis – text analysis and sentiment analysis on social media using Python

WORK EXPERIENCE

Oct 2011 – Mar 2015
Senior Business Analysis | Wacker Neuson Limited
- Generate more than 20 periodic and ad-hoc sales reports monthly for management review
- Sales and pricing database management and analysis
- Prepare annual budget and periodic forecast
- Perform business and user requirement analysis for various company systems, prepare IT documentation

Aug 2010 – Sep 2011
Desktop Publisher Associate | Williams Lea (Hong Kong Limited)
- Site in Deutsche Bank
- Communicate and support bankers to create professional MS office documents for capital market in fast paced environment
- Attention to details for document layout as well as overall formatting, communicate with bankers for improvement
- Work on printing jobs and troubleshoot printer technical issues

Oct 2006 – Aug 2010
Project Engineer | SAE Magnetics (H.K.) Ltd
- As a project coordinator in the team for overall slider DP data analysis and cross-product analysis by plots/charts using MS excel/ SAS-JMP
- Failure root cause analysis and report preparation
- Handle customers' enquiries promptly and report preparation

Jan 2006 – Oct 2006
Industrial Trainee | SAE Magnetics (H.K.) Ltd
- Mathematical model establishment for HDD critical parameters from HGA DP parameters using SAS-JMP, to save 3% of manufacturing cost
- Assist manager in Learning Organization activities & learning model build up