

Peng Wang, CPA, CMA

Personal machine learning blog: <https://ai-journey.com/>

GitHub profile: <https://github.com/wangpengcn>

Summary of Qualifications

- 10 years of experience in customer-facing enterprise system and data analytics design and implementation.
- Solid knowledge in developing business intelligence in SQL and Power BI.
- Developed predictive models for Canadian Public Services for demand forecast.
- Highly self-motivated entrepreneur.
- CPA (Chartered Professional Accountant), CMA (Certified Management Accountant)

Technical Skills

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| + Proficient in Python (Scikit learn, Tensorflow, Keras framework) | + Working knowledge of C#, Java and Objective C |
| + Azure ML/Cognitive services, AWS EC2, SageMaker | + Strong data analysis using Machine Learning algorithms |
| + MS SQL Server | + MS Dynamics AX/CRM |
| + MS SharePoint | + Power BI |
| + Strong statistical analysis skills | + Unity 3D |
| + Jira, Slack | + Excel/PowerPoint/Word/Visio |

Professional Experience

Magic Beans Solutions Inc.

Richmond, BC

Co-founder & citizen data scientist

08/2016 - Present

- A start-up that develops interactive VR/AR and AI solutions to promote business brand.
- Work with Canadian Border Security Agency (CBSA) to build predictive models that forecast hourly border crossing wait time. [LinkedIn article](#).
- Develop Decision Trees models to help Mobi, a Vancouver bike share program, forecast daily bike rentals. [Blog link](#).
- Conduct exploratory data analysis on BC wildfire historical data. [Blog link](#).

ZCL Composites Inc.**Richmond, BC**

Manager of Business Applications and Intelligence

11/2012 - 08/2016

- Planned and managed implementation of major business system programs including ERP (MS Dynamics AX/CRM), SQL reporting, and SharePoint portal.
- Led system architectural design of cross-functional business systems.
- Collaborated with business team leads and developed KPIs for measuring business health and providing accurate insights.
- Developed predicative models in Excel and Power BI for monthly sales forecasts.

Aritzia**Vancouver, BC**

Senior Business System Analyst

05/2012 - 11/2012

- Worked with external consultants on architectural design of a major warehouse management system (Red Prairie).
- Developed SQL reports on warehouse and logistics KPIs and metrics.
- Identified, tracked and mitigated implementation issues and risks.
- Designed and managed integration with UPS and Canada Post shipping service portal.

Hitachi Solutions**Vancouver, BC**

Senior Consultant

01/2008 - 05/2012

- Lead consultant on 10+ ERP (MS Dynamics AX/CRM) implementation projects.
- Customized role-based SQL dashboards and reports for clients.
- Gathered business requirements, identified gaps, developed custom solution specifications, and worked with development team for complete implementation.
- Presented system designs to key stakeholders and performed user training as needed.
- Shared project implementation knowledge by maintaining a professional blog <http://daxpeng.blogspot.com/> and delivering public seminars.

Education**Master of Science, Computing Science (in Machine Learning)****2008**

University of Alberta, Edmonton, AB

Thesis: Hierarchical Prediction of Protein Function In the GO Using Graphical Models

Bachelor of Science, Computer Science (Honours)**2004**

University of New Brunswick, Saint John, NB

Bachelor of Business Administration**2004**

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