Serena Pang

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Management Engineering @ University of Waterloo **2020-2025**
Activities & Societies: Entrepreneurship Soc., Engineering Soc., Waterloo Engineering Orientation Director, TOHacks

Development

- Java
- Python
- HTML
- CSS
- JavaScript
- SQL
- VBA
- PowerQuery
- Microsoft Power Fx

Skills

- MS PowerBI
- MS Excel
- MS Access
- Adobe InDesign
- Adobe Photoshop
- Microsoft Office
- Google Suites
- UI/UX
- 100+ WPM
- Production & Supply Chain Management
- Workplace Design & Facilities Planning
- Voiceflow
- Figma
- Database Development
- Data Analytics
- Trained Provincial Media, Marketing, & PR for RCAC

Interests

- Driving manual transmission (stick)
- Making and exploring new music
- Vintage clothing collector and reseller
- Guest writer for SociallyInfused Media Ltd.

Summary of Qualifications

- Positive attitude to learning and adapting to new environments and client audiences
- Proficient in various communication methods and excellent analytical time/project management skills through organizing 150+ attendee events in high-stake situations
- Demonstrated leadership and teamwork when finding 200+ unrecognized veterans for the City of Richmond Hill while conducting general building maintenance
- Self-taught HTML/CSS web development to connect with a community of innovators
- Facilitated strong collaboration as a senior organizer of **student ambassadors at YRDSB** events and as a supervisor to 150+ youths with the **Royal Canadian Air Cadets**

Work Experience

Toyota Motor Manufacturing Canada 01/2022-04/2022
Production Control - Final Vehicle Logistics (FVL)

- FVL Monitoring System and location scanner redesign for Lexus NX (922B) transformation
- PowerBI visualization tool for delayed vehicles between I08 and I09 (QC/NSL)
- Drive Audit, Safety Walk, TL Checks, Drive Training internal app development and launch
- Vehicle Yard Map Visualization System (RAV4, Lexus RX, Lexus NX)

Toyota Motor Manufacturing Canada 05/2021-08/2021
Production Control - Materials Systems

- Progressive unloading tracking system of suspension expedites using kaizen analysis
- Organized a 8000+ attendee vaccination clinic and increased clinic capacity by 11%
- SQL queries and data mining/analysis for part and supplier data feed dump files

Royal Canadian Legion | Branch 375
Communications Systems Support 06/2020-08/2020
Systems and Accounting 06/2019-08/2019

- Reconstructed and maintained the Canadian Virtual War Memorial and the Commonwealth War Graves Commission for 50+ veterans through archive research
- Analyzed and maintained website page/domain for upcoming events with WordPress
- Digitized and streamlined the accounting process and performed inventory on stock
- Analyzed and improved database systems on Microsoft Office 365
- Found 200+ unrecognized veterans in Richmond Hill spanning from 1812 to present
- Created recognition banners for the City of Richmond Hill and managed deadlines

Projects

- **Courage** is a prototype shopping app to connect communities with local businesses on a safe, inexpensive, unified platform for a sustainable online retail experience
- Programmed a **VBA-Based time-management tool** on MS Excel for daily organization
- **Cooky** is a HackTheNorth Voiceflow-based app that syncs with Amazon's Alexa to create an interactive recipe-reading software for instructional aid in the kitchen
- **FridgeSpace** is a MLH feature from TOHacks built using Courier and React-Native that identifies the dietary restrictions and preferences of foods through scanning photos of ingredients lists using Google Cloud APIs