

# Joyce (Xiaoxia) Ding

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[Portfolio Page](#) | [Github](#) | [LinkedIn](#) | [NS Women Hub](#) | [Youtube](#)

## Summary

Enthusiastic IT professional with full stack programming skills, sophisticated data analytic skills, and experience in public relations and project management. Passionate about enhancing productivity through automation and leveraging technology to streamline operations effectively. Particularly keen on exploring Machine Learning applications and developing web/mobile app focus on wellbeing, the environment, or productivity tools.

## Skills

Front-End & Frameworks: React JS, ASP.net, JavaScript, HTML, CSS, Bootstrap, Material UI, WordPress

Back-End & Databases: C#, SQL, NodeJS, Java, Restful service, ExpressJS, Python, C++, C, R, Tableau

Cloud Services & AI: Azure, Transformer, Microsoft ML Model

MS suit and others: Git, Linux, Excel, Word, PowerPoint, Teams, Adobe Photoshop, Adobe Premiere

Non-Technical Skills: Communication, Collaboration, Leadership, Time Management

## Education

Diploma in IT Programming

**Expected Graduation: June 2024**

Nova Scotia Community College

Bachelor's in Construction Management

**Graduated 2002**

Chongqing University

## Work and Industry Experience

**NSCC Blackbird SPR Project | Halifax, NS**

**April 2023 to May 2023**

System Operator

- Developed a Web application - Student Progress Record to help faculty manage student's academic progress.
- Used asp.net MVVM architecture and C# in a team of 10 persons under Scrum frameworks.
- Managed project's Github repository and configured SendGrid API in the program to fulfill the functionality of confirming and resetting passwords.

**Weber Shandwick, IPG Group | Guangzhou, China**

**May 2010 to April 2014**

Account Director

**Burson-Marsteller, WPP Group | China**

**July 2005 to September.2008**

Associate

## Projects

**Website : Nova Scotia Women Hub**

**Apr 2024 till now**

Self-Initiated Project | Developer | Founder

- A unified platform that consolidates resources and organizations dedicated to women's development in male-dominated industries, both at the national and provincial levels.
- Features a marketplace where individuals and businesses can discover, engage, and procure services offered by women professionals.

### **French Song Learning Data Analytics**

**Sept 2022 till now**

Self-initiated Project | Data Analyst

- Data recording: Record learning data in Excel including song titles, words and length of songs, and duration of each practice.
- Data analysis: Analyze the recorded data to identify patterns and trends in song preferences and language learning progression.
- Visualization: Create charts in Excel to visualize data trends and learning productivities such as how much time spent on each song, preferred genres.

### **Toastmaster Ah Counter React Web Application**

**August 2023**

Self-initiated Project | Developer

- Self-taught web application for tracking filler words in speech and analytics.

## **Extra-Curricular and Volunteer Activities**

### **Atlantic Toastmaster SMU | Halifax, NS**

**May 2024 to Present**

Sergeant at Armed

- Attend weekly meeting to improve public speaking and leadership skills.

### **itjobfair.ca NSCC | Halifax, NS**

**November 2022 to March 2023**

Tech Team Help Desk

- Instructed and prepared tutorial video for industry members to set up team channels.
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### **Qileyuan Autonomic Community | Guangzhou, China**

**2012 to 2021**

Initiator, Organizer, Volunteer

- Initiated and organized a successful community initiative in China.
- Community residents pay \$0.2 m<sup>2</sup>/month and can enjoy community facilities and services worth \$2m<sup>2</sup>/month.

## **Awards and Certifications**

- Google Data Analytic Certificate, Coursera and Google August 2022
- First Place - NSCC Challenge Nova Scotia November 2023  
(As Project Manager and Team lead)
- Interbrand Best China Brands, PRWeek Honourable Mention 2013  
(As Project Manager and Team lead)

## **Language**

- English IELTS 7.0 | Native Mandarin and Cantonese | French learner