

Wenwen Xiao

Computer Science Practitioner

Inquisitive and creative Computer Science practitioner, who feels energized through new challenges and learning new skills. Strengthened self-learning ability and problem-solving skills through 6 co-op terms in Civil Engineering.



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SKILLS

Python

HTML

CSS

JavaScript

Bootstrap

SQLite

VBA

Matlab

Photoshop

AutoCAD

CERTIFICATES

Specialization in Python for Everybody - Coursera (04/2020 - 05/2020)

Specialization in Web Design for Everybody - Coursera (05/2020 - 06/2020)

PROJECTS

Web Crawler (Python) (05/2020 - 05/2020)

- Constructed a web crawler that emulates some functions of a search engine.
- Stored the crawled data to a SQLite database.
- Ran a page-rank algorithm to determine the importance of webpages and demonstrated it through a visualization tool.

Personal Website (HTML, CSS, and JavaScript) (05/2020 - Present)

- Developing my personal website with intense practice of HTML, CSS, JavaScript, and Bootstrap.

Hangman (Python) (05/2020 - 05/2020)

- Created a word guessing game that allows the user to guess for limited times and gives feedbacks for the guesses.

Capstone Project (Matlab) (05/2018 - 04/2019)

- Designed and analyzed the structural behaviour of a floatable house using Matlab and SAP 2000.
- The project was awarded the MTE Capstone Design Symposium Award.

WORK EXPERIENCE

Web Developer

Start-up ApplyChance

05/2020 - Present

Vancouver, BC

Voluntarily helping a not-yet-funded start-up company with its website, for self-improvement purposes.

Achievements/Tasks

- Performed testing and updating of the responsive website.

Civil Engineering Technology Co-op Student

IBI Group Inc.

09/2018 - 12/2018

Richmond Hill, ON

Achievements/Tasks

- Created drawings for various construction projects implementing self-taught AutoCAD Civil 3D skills.

HONOR AWARDS

MTE Capstone Design Symposium Award (2019)

University of Waterloo

EDUCATION

Master of Engineering, Civil Engineering

University of British Columbia

09/2019 - Present

Vancouver, BC

Bachelor of Applied Science, Civil Engineering - Co-operative Program

University of Waterloo

09/2014 - 06/2019

Waterloo, ON