

Henry (Hanren) Tu

162 Hillcrest Ave, Toronto, ON M2N 3P1

416-837-9856 | tu.hanren@gmail.com

[linkedin.com/in/hanrentu](https://www.linkedin.com/in/hanrentu) | <https://github.com/tuhanren>

Highlight of Qualifications

- **Languages** | C#, Java, SQL, HTML, CSS, JavaScript, Python
- **Tech Stack** | Node.js, Express.js, .NET Core, Selenium WebDriver, MongoDB, PL/SQL, pandas, Beautiful Soup, Git, Azure, Linux
- **Knowledge** | Agile, Scrum methodologies, Software Development Life Cycle (SDLC)
- **Soft Skills** | Collaborative, punctual, result-oriented problem solver, and team player

Work Experience

Analyst, Deep Visum, Toronto

Dec. 2017 - Aug. 2020

- Facilitated web design, including web framework, UI/UX, SEO, and web logo, for a programming languages comparison website
- Conducted data validation for 150 tables, performed function mapping and code mapping between two programming languages (SQL and Python) for comparison by using Python and MS Excel
- Contributed to the key contents of the website by scripting SQL codes with MySQL for more than 80 application contents and functions
- Supported programming estimates, identified potential problems, and recommended alternative solutions to ensure the web development project finish on time

Projects Experience

Web Development – [Portfolio Website](#)

Sept. 2021

- Developed portfolio site with HTML, CSS and JavaScript/Typescript on Visual Studio Code
- Created Express.js framework to implement web functions and animations; deployed the website online through Microsoft Azure and Heroku

Python Web Scraping – Extract IMDb movie information

Sept. 2021

- Implemented 4 pages scraping with Selenium
- Created Beautiful Soup framework to parse and extract movie information

Python Marketing Campaign Analysis

Sept. 2021

- Created fixed market campaign analysis report by using Python pandas
- Loaded and merged data from multiple sources; created summary statistics with pandas
- Detected and conducted missing value imputation on different variables through sklearn

Web Development – [Survey Site](#)

Sept. 2021

- Designed the wireframe through Moqups; Managed the project with Trello
- Implemented CRUD operations, and Authentication with Express.js framework, Node.js; stored the project in GitHub repository; connected with MongoDB Atlas; deployed the website online through Heroku cloud platform

Other Experience

Assistant Manager, Banh Mi Boys, Toronto

Dec. 2014 - Nov. 2017

- Managed store operations and liaised among partners to reduce labor costs and ensure smooth service

Education

Diploma: Software Engineering Technician
Centennial College, Toronto

Sept. 2020 – Apr. 2022

GPA 4.4/4.5

Main Courses: Programming I, II, III, Software Engineering Methodologies, Web Interface Design, Advanced Database Concepts, Web Application Development, Software Systems Design

Culinary Management Diploma, George Brown College, Toronto

Aug. 2014

Bachelor of Management: Business Administration, Xi'an University of Science, China

Jul. 2012