SHERRY LI

2B CS STUDENT

📞 416-629-9630 ✉ sherry.li@uwaterloo.ca 🌐 sherryli.me

 github.com/sherryhli linkedin.com/in/sherryhanxiaoli

SKILLS

Languages:
C#, C++, C, JavaScript, Python, HTML, CSS, Java, Racket

Frameworks & Libraries:
.NET Core, .NET, Flask, React, Angular, AngularJS

Tools & Technologies:
Git, Bash, Node.js, Azure DevOps Pipelines, AWS

Transferrable Skills:
Value-driven and adaptive development style acquired through **Agile** and **DevOps** work experience, proficient in written and oral **technical communication**

EDUCATION

University of Waterloo

Bachelor of Computer Science
2017 - 2022

- Dean's Honours List (Fall 2017, Fall 2018, Winter 2019) for term average of 87%+
- President's Scholarship of Distinction for admission average of 95%+
- Relevant Coursework: Object-Oriented Software Development, Data Structures & Data Management, Foundations of Sequential Programs

VOLUNTEERING

- **Webmaster** and **Board of Directors Member** at **Ontario Quizbowl Association**, supporting organization of high school and collegiate academic trivia tournaments
- **World War II Document Transcription Volunteer** at **ALPHA Education**, preserving documents for research and education purposes

EXPERIENCE

Project Developer
JAN 2019 - PRESENT

UW Blueprint | Plastics for Change

- Built progressive web application that tracks recycled plastics transactions in India for the Plastics for Change organization
- Implemented form input components using React
- Added feature to upload receipt photos using Python and AWS S3, enabling greater accountability in the plastics supply-chain

Software Engineering Intern
APR 2018 - AUG 2018

SPS Commerce | Analytics Engineering

- Designed and developed new features for ASP.NET MVC web applications with C# and AngularJS
- Created health-check service using an HTTP handler, enabling performance monitoring of a key web service
- Refactored secret management service of a REST API to use AWS Parameter Store, streamlining credential retrieval
- Implemented two different error escalation processes in a data-load automation tool, allowing differentiation between missing files that were essential or optional

Data Labelling Research Assistant
AUG 2017 - SEPT 2017

York University | Lassonde School of Engineering, iNCML Lab

- Assessed and annotated results of a natural language processing project that generates semantic triples for question-answer pairs, evaluated quality of 20,000 triple-pair matches

PROJECTS

Textbookify | JavaScript, MongoDB, Express.js, Vue.js, Node.js

- Web app that facilitates used textbook exchanges by matching buyers with sellers and providing market analytics
- Queries a MongoDB database to find matches and displays results on user dashboard built with Vue.js

Genetics Toolbox | C#, ASP.NET, Wolfram Alpha API, Azure

- Web app deployed to Azure App Services that performs various genetics computations using self-implemented class libraries and the Wolfram Alpha API

Coin Watch | Python, Flask, TextBlob API

- Web app that uses sentiment analysis and web scraping to analyze initial coin offerings for fraud by calculating credibility scores, placed top 15 at EngHack 2018

TextMD | Python, Flask, Twilio API, ApiMedic, Google Places API

- SMS service delivered through a Flask server and the Twilio API that diagnoses patients without Internet access
- Provides a measure of accuracy for diagnoses and recommends doctors in the patient's vicinity