# SHERRY LI

#### 2A CS STUDENT

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#### SKILLS

#### Languages:

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

#### Frameworks:

ASP.NET + ASP.NET Core, Flask, Bootstrap, AngularJS

#### Tools & Technologies:

Git, Bash, Visual Studio Team Services, SQL Server Integration Services, NSubstitute

#### 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) with term GPA of 3.87/4.00
- President's Scholarship of Distinction for admission average of 95%+
- Intended Bioinformatics Option

# **ACTIVITIES &** INTERESTS

- Board of Directors Member at **Ontario Quizbowl Association**
- World War II Document Transcription Volunteer at **ALPHA Education**
- Playing piano, listening to classical music
- Reading non-fiction works
- Petting dogs

#### **EXPERIENCE**

## **Software Engineering Intern**

SPS Commerce | Analytics Engineering APR 2018 - AUG 2018

- Designed, developed, and tested new features for **ASP.NET** supply-chain analytics applications with **C#** backend and AngularJS frontend
- Created health-check service using HTTP handler, enabling performance monitoring of a web service
- Refactored secret management service of an API to use AWS Parameter Store, streamlining credential retrieval
- Implemented file-checking features in internal dataload automation tool, improving screening for missing client files
- Added parameter and associated SQL stored procedures in client application, further customizing data filtering

## Data Labeler (Research Assistant)

York University | Lassonde School of Engineering AUG 2017 - SEPT 2017

- Evaluated relevance of 20 000 semantic triples to matched question-answer pairs in a knowledge base
- Labelled the data for use in natural language processing research in the iFLYTEK Laboratory for Neural Computing for Machine Learning

# **PROJECTS**

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

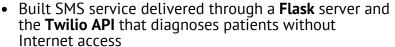


- Built web app that performs various genetics computations through self-implemented libraries and Wolfram API
- Deployed to Azure App Services via local Git deploy

Coin Watch | Python, Flask, TextBlob API

- Best Blockchain-Related Project prize at EngHack 2018
- Created web app that analyzes initial coin offerings for fraud, uses **sentiment analysis** through the Textblob API and web scraping to calculate credibility scores for cryptocurrencies

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



 Ranks possible medical conditions by likelihood, provides a measure of accuracy for diagnoses, and recommends doctors in the patient's vicinity