

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 data-
load 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 🐙

- Built SMS service delivered through a **Flask** server and
the **Twilio API** that diagnoses patients without
Internet access
- Ranks possible medical conditions by likelihood,
provides a measure of accuracy for diagnoses, and
recommends doctors in the patient's vicinity