SHERRY LI

2A CS STUDENT

416-629-9630 | sherry.li@uwaterloo.ca | sherryli.me

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

SKILLS

Languages:

- C#
- C
- HTML / CSS
- Java
- Racket

Frameworks:

- .NET / .NET Core
- Bootstrap

Tools & Technologies:

- Git
- Visual Studio Team Services
- SQL Server Integration Services

Transferable Skills:

- Value-driven and adaptive development style, acquired through Agile and DevOps work experience
- Proficient in technical communication, demonstrated through technical writing coursework and sprint review presentations

EDUCATION

University of Waterloo

Bachelor of Computer Science Candidate
2017 - 2022

- Dean's Honours List (Fall 2017)
- President's Scholarship of Distinction for admission average of 95%+

INTERESTS

- Bioinformatics
- Quizbowl and trivia games
- History and current events
- Reading non-fiction
- Petting dogs

WORK EXPERIENCE

Software Engineering Intern

SPS Commerce | Analytics Engineering - 1Screen
Apr. 2018 - Aug. 2018

- Designed, developed, and tested new features according to user story specifications for ASP.NET web applications, using C# for backend/middle-tier and AngularJS for frontend
- Created health-check service using HTTP handler, enabling performance monitoring of a web service via LogicMonitor
- 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 retail analytics 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

- Wrote C# class library that provides functions to perform computations on DNA and RNA strands
- Built ASP.NET web application with Razor, which consumes the library and provides an user interface
- Deployed to Azure Web Apps and configured local Git deployment

Coin Watch

- Won Best Blockchain-Related Project prize at EngHack 2018
- Created web application which analyzes initial coin offering (ICO) websites for fraud, using Python and Flask
- Collaborated with teammate to write Python scripts to scrape web pages, and used TextBlob library to perform sentiment analysis