Christina Lim
Systems Design Engineering

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EXPERIENCE

Explore Intern (SWE + PM) — Microsoft Corporation
Apr 2019 – Aug 2019

Reduced CPU and memory usage for Microsoft's commerce servers by migrating heavy processing logic to a new microservice.

Developed service logic responsible for writing continuously–updating offer data from datacentres to Azure storage.

Procured servers to deploy Windows Services via build and release pipelines.

UI/UX Designer — TD Canada Trust
Sep 2018 – Dec 2018

Researched, designed and prototyped an accounting platform, integrating Intuit Quickbooks' API, to provide small business owners with actionable insights through a browser extension.

Collaborated with engineers and business analysts to develop various banking solutions through rapid prototyping, weekly sprints, user testing and quantitative analysis.

QA Engineer — IVEP
Jan 2018 – Apr 2018

Reduced the need for manual regression testing by 26 percent by developing and maintaining an automated testing suite using Selenium Webdriver and CodeceptJS.

Collaborated with development team in an agile environment to refine the user experience of an ICO platform based on competitive research and user flow analysis.

PROJECTS

Personal Website — christinalim.ca
Developed a responsive personal website to showcase project portfolio using Bootstrap 4 and Javascript.

Collide
Redesigned the desktop user experience to optimize productivity by eliminating distractions and creating an organized environment.

Toonies
Prototyped an intuitive financial learning platform for young adults with interactive modules and simulated investment portfolios.

Tabata Timer
Developed an embedded system using an Arduino Uno and C to facilitate multiple high intensity interval workouts simultaneously.

EDUCATION

University of Waterloo
Systems Design Engineering
3.9 GPA

RELEVANT COURSES
Data Structures & Algorithms
Digital Computation (C++)
Human Factors in Engineering

SKILLS & TOOLS

TECHNOLOGY
Git
Azure DevOps
Azure SDK for .NET
Azure Storage
Windows Services
Environment Management
Sketch
Arduino
CodeceptJS
SolidWorks

TECHNOLOGY
Competitive Research
Journey Mapping
Rapid Prototyping
UI Design
User Empathy
Wireframing

LANGUAGES
C++
C#
Python
Javascript
HTML
CSS

ACTIVITIES & INTERESTS

Bouldering
Ice Hockey
Marathon Running
Outdoor Activities
Ultimate Frisbee