# Christina Lim
Systems Design Engineering

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## EXPERIENCE

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

Reduced 65% of CPU usage on Microsoft's servers by migrating heavy processing logic to a new microservice, optimizing performance by eliminating server failures.

Delivered presentations of migration solution to 5 cross-functional teams to seek iterative feedback.

Developed algorithms in C# to write sporadically–updating offer data from datacentres to Azure storage.

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

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

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

### QA Engineer — IVEP
Jan 2018 – Apr 2018

Reduced the need for manual regression testing by 26% by developing and maintaining an automated test 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

### Microsoft University — Microsoft ProdCon (2nd Place)
Integrated a digital learning system into OneNote to promote Surface Pro sales, based on market feedback and user research.

### Collide
Prototyped a new desktop user experience to optimize productivity by eliminating distractions and creating an organized environment.

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

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

## SKILLS & TOOLS

### PRODUCT & DESIGN
Competitive Research
Data Analysis
Data Visualization
User Journey Mapping
Rapid Prototyping
UI/UX Design
User Empathy
Wireframing

### TECHNOLOGY
Figma
Sketch
Adobe Suite
SolidWorks
InVision
Git
Azure DevOps
Azure SDK for .NET

### LANGUAGES
C++
C#
Python
Javascript
HTML
CSS

## EDUCATION

### University of Waterloo
Systems Design Engineering, 2022
3.9 GPA

### RELEVANT COURSES
Design, Systems & Society
Probability & Statistics
Human Factors in Engineering

## ACTIVITIES & INTERESTS

Bouldering
Ice Hockey
Marathon Running
Outdoor Activities
16 Weeks of Internships