Christina Lim

Systems Design Engineering

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EXPERIENCE

UI/UX Designer — TD Labs
Sep 2018 – Dec 2018

Researched, designed and prototyped an accounting platform, integrating Intuit Quickbooks' API, to provide small business owners with actionable insights and detailed vizualisations of their data.

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

Presented functional prototypes to EVPs to be pushed into commercialization.

Mechanical Engineer — Waterloop
May 2018 – Aug 2018

Researched and prototyped a linear induction motor in Fusion 360 for propulsion of a Hyperloop pod to compete in the SpaceX Competition II.

QA Engineer — Dubtokens / 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

Collide
Est. Oct 2018

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

Toonies
Est. Sept 2018

Designed an intuitive financial learning platform for young adults, using research methods including empathetic and quantitative analysis.

Tabata Timer
Est. May 2018

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
3.8 GPA

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

SKILLS & TOOLS

DESIGN
Competitive Research
Journey Mapping
Personas
Rapid Prototyping
Storyboarding
User Empathy
Wireframing

TECHNOLOGY
Adobe Photoshop
Arduino
AutoCAD
CodeceptJS
InVision
Selenium Webdriver
Sketch
SolidWorks

LANGUAGES
C++
Python
Javascript
HTML
CSS

ACTIVITIES & INTERESTS

Cooking
Ice Hockey
Marathon Running
Sustainability
Traveling
Ultimate Frisbee