

ETHAN Y CHUNG

UNIVERSITY OF WATERLOO BIOMEDICAL ENGINEERING

(647) 632 8278 

ethan.chung@uwaterloo.ca 

linkedin/ethanykchung 

github.com/ethanykc 

EDUCATION

Candidate for Bachelor of Applied
Science in Biomedical Engineering
University of Waterloo
2017-2022

EXTRA CURRICULARS

Red Cross Mobile Food Bank
Volunteer Manager
Toronto, ON
2015

Prostate Cancer Canada
Raffle Sales Representative / Race Marshall
Toronto, ON
2015-2016

Ontario Lung Association
Volunteer Race Marshall
Toronto, ON
2015

SKILL LEVELS

SOLIDWORKS



ILLUSTRATOR AND PHOTOSHOP



C# AND C++



MICROSOFT OFFICE



SUMMARY OF QUALIFICATIONS

- Proficient in C#, C++, and MATLAB; Programmed drug sorting and gene matching algorithms
- Proficient in SolidWorks, Fusion 360; Independently modeled a functioning seat belt, mechanical parts, etc.
- Working knowledge of HTML, CSS, JavaScript and XML formatting
- Proficient in MS Office, Excel, Adobe Illustrator and Photoshop
- Conducted Legal Analysis of various cases in civil law and knowledge of civil procedures
- Experience with Product Development Processes and Safety and Risk Analysis
- Trained experience in customer service and cashier balancing

EXPERIENCE

DES VOEUX CHAMBERS

Barrister Intern / Hong Kong SAR / July 2017

- Analyzed past and current case files to establish a chronology of events and took notes during public hearings of the cases in the absence of the barrister, allowing the barrister to focus on more critical issues in the case
- Deliberated possible defenses for the case and met with the clients to further discuss legal action

ANNIE HO AND PARTNERS

Solicitor Intern / Hong Kong SAR / July 2017

- Drafted e-mails to banks and barristers on behalf of clients to address their legal situations and concerns
- Delivered and analyzed legal documents; mortgage papers, debt collection, and provided legal advice over the phone

METRO ONTARIO

Part-Time Employee / Toronto, ON / June 2016 – June 2017

- Resolved customer complaints and cashier audits while working at the Customer Service Desk and Cashier
- Trained new employees on effective ways to respond to customer complaints

PROJECTS

WANDER APP

Member / Waterloo, ON / Sept 2017 - Present

- Competed in StarterHacks 2018 in software development; coded the UI design in XML with another team member; app locates nearby stores with items inputted by the user and sends notifications when the store is within a set radius of the user
- Adopted Google APIs and Firebase to access location services and Node.js web application running on Amazon Web Service to support query functions
- Programmed multiple games/sliding puzzles, gene pairing programs and car inventory sorting system in C#

ENABLE TEAM

Member / Waterloo, ON / Sept 2017 - Present

- Worked on E-Enable prosthetic arms to print, construct the prosthetics and created silicon parts using moulds
- Assembled the fingers and main attachment point of the prosthetic hand

PERMAFIST

Member / Waterloo, ON / Sept 2017 - Dec 2017

- Partnered and collaborated with team members over four months to create and develop a fully functioning prototype seat belt device that would reduce the chance of sustaining a wrist fracture during snowboarding falls
- Independently modeled aircrafts, bikes, construction vehicles, and houses for other assignments