

# ETHAN Y CHUNG

UNIVERSITY OF WATERLOO BIOMEDICAL ENGINEERING

(647) 632-8278



ethan.chung@uwaterloo.ca



linkedin/ethanykchung



github.com/ethanykc



ethanykc.github.io



## 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

E-Nable Prosthetics Team

Current Member

Waterloo, ON

2017

## 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 through course projects
- Trained experience in Customer Service

## 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

### SCARBOROUGH MEDICAL CENTRE

Administrative Assistant / Scarborough, ON / May 2018 – Aug 2018

- Co-ordinated patient schedules and maintained open line of communication between patients, physicians, pharmacies and other specialists
- Processed incoming faxes, OHIP billing information and legal invoices for record transfers
- Resolved patient related issues, prepared examination rooms and lab requisition forms for patients
- Organized clinic inventory and supplies
- Assisted training of new employees on how to properly handle sensitive medical info

## 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#

### 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