

# ETHAN Y CHUNG


UNIVERSITY OF WATERLOO 2A BIOMEDICAL ENGINEERING

ethanykc.github.io 

github.com/ethanykc 

ethan.chung@uwaterloo.ca 

linkedin/ethanykchung 

(647) 632-8278 

## EDUCATION

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

## VOLUNTEER WORK

Red Cross Mobile Food Bank  
Volunteer Manager  
Toronto, ON  
2015

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

Ontario Lung Association  
Volunteer Race Marshall  
Toronto, ON  
2015

## INTERESTS / HOBBIES

Legal Analytics - IP/Patent Law

Photography & Nature

HOSA Competition 2017  
International Qualifier

Varsity Curling  
Regional Finalist

Varsity Badminton  
Regional Qualifier

Guitar and Piano

## SUMMARY OF QUALIFICATIONS

- Proficient in SolidWorks, AutoCAD and Fusion360
- Experienced with C#, C++; familiar with Arduino, MatLab and Python
- Working Knowledge of HTML5 and CSS; familiar with XML and JavaScript
- Proficient in Adobe XD, Illustrator and Photoshop

## PROJECTS

### AUTOMATED SYRINGE LOADER

Design Project / Waterloo, ON

- Designing and 3D printing the turntable and mixing station for vials
- Utilises pistons to guide the syringe into vial and stepper motors to assist with mixing medication and rotating the vial positions

### ENABLE TEAM

Student Design Team Member / Waterloo, ON

- 3D printed moulds and manufactured parts for prosthetic arms
- SolidWorks and Fusion360 used to customize hand for donor
- Assembled the fingers and main attachment point of the prosthetic hand

### WANDER APP

StarterHacks / Waterloo, ON

- Using XML and Illustrator, co-coded UX/UI design for wishlist app
- Adopted Google APIs and Firebase to access location services and Node.js web application running on Amazon Web Service to support query functions

### PERSONAL WEBSITE

Design Project / Waterloo, ON

- Created personal website using HTML5, CSS, Bootstrap and JavaScript
- Current PHP contact form not supported by github host
- Portfolio section will be added when more substantially diverse projects are completed

## EXPERIENCE

### SCARBOROUGH MEDICAL CENTRE

Administrative Assistant / Scarborough, ON

- Co-ordinated patient schedules and maintained open line of communication between patients and physicians
- Processed incoming faxes, OHIP billing, legal invoices, record transfers and resolved patient and lab related issues

### DES VOEUX CHAMBERS

Barrister Intern / Hong Kong SAR

- Analyzed financial case files to establish a chronology of events
- Deliberated defenses for the case and met with the clients to further discuss legal action

### ANNIE HO AND PARTNERS

Solicitor Intern / Hong Kong SAR

- Drafted e-mails on behalf of clients to address their legal situations
- Analyzed legal documents; mortgage papers, debt collection, and provided consultation over the phone