

# ETHAN Y CHUNG

UNIVERSITY OF WATERLOO 2A BIOMEDICAL ENGINEERING

ethanykc.github.io



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## SKILLS

HTML5	SolidWorks
CSS/XML	AutoCAD
Mockplus	Fusion360
Illustrator	C#/C++
Adobe XD	JavaScript

## 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  
Intellectual Property/Patent Law  
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, CSS, Adobe XD; familiar with XML and JavaScript
- Proficient in Adobe Illustrator and Photoshop

## PROJECTS

### ENABLE TEAM

Student Design Team Member / Waterloo, ON

- 3D printed moulds and manufactured parts for E-nable prosthetic arms
- SolidWorks and Fusion360 used to customize hand for donor
- Assembled the fingers and main attachment point of the prosthetic hand
- Current prosthetic will be sent to a child in El Salvador

### 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

### PERMAFIST

Design Project / Waterloo, ON

- Developed functioning prototype device that would reduce the chance of sustaining a wrist fracture during snowboarding falls
- Modeled and 3D printed various prototypes used during testing
- Used gyroscopes and speedometers to measure locking speed and impact

## 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 and record transfers
- Resolved patient related issues, prepared examination rooms and lab requisition forms for patients

### 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 legal advice over the phone