

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 and CSS; familiar with XML and JavaScript
- Proficient in Adobe XD, 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 angle

SIDE PROJECTS

- Created personal website using HTML5, CSS, Bootstrap and JavaScript
- Coded Connect4, Slide puzzles, and Drug Sorting Algorithms in C# with use of recursion and arrays

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 legal advice over the phone