

Chuankai (Alan) Yue

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EDUCATION

Candidate For:

UNIVERSITY OF WATERLOO
BASC, 1A COMPUTER ENGINEERING
WATERLOO, ON
Student ID#: 20628589

LINKS

Github:// [ckyue](#)

LinkedIn:// [ckyue](#)

Facebook:// [Alan Chuankai Yue](#)

YouTube:// [Chuankai Yue](#)

LANGUAGES

- C++
- Java
- JavaScript
- HTML/CSS
- Arduino
- jQuery

COURSES

Fundamentals of Programming
Linear Circuits
E&CE Practise
Calculus for Engineering
Writing Skills

CONTACTS

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TECHNICAL EXPERTISE

- Solid skill on designing **functional** programs with C++ and Java.
- Web Development: JavaScript, HTML, CSS, jQuery. Wrote **clean** and **intuitive** codes.
- 3 years of hand-on experience on developing **Open-Sourced Hardware** projects and programming around Arduino platform, **patents** were granted.
- Knowledgeable on designing with Photoshop, Solidworks. Implemented on **side-projects** and patents.
- Operating Systems: Windows, Mac OS X.

SUMMARY OF QUALIFICATION

- Proficient in using office software: Microsoft Office, Apple iWork.
- Keen and quick on **learning new skills**, designed side-projects in short span.
- Capable of **trouble-shooting**, productively worked during several Hackathons.
- **Quick adaption** to new environment, derived from my experience as an international student.

SELECTED PROJECTS

KICKS4LOVE | WEBSITE PROJECT

- Collaborating with sneakers enthusiast to produce a latest sportswear information website.
- Applying HTML/CSS in real world application, while familiarising with JavaScript/jQuery.

EVEN MORE LUCKY | DEVELOPED WITH JAVASCRIPT, HTML/CSS

- A Chrome Extension that enhance user's experience when doing Google Search, developed during EngHack Fall 2015.

SELF-DESIGNED 3D PRINTER | RAPID PROTOTYPING PRACTISE

- Designed and sketched every single 3D-Printed model by using Solidworks, printed by my first Reprap 3D Printer.
- Skill practices with Arduino, RAMPS, Repetier and other Open-sourced Software/Hardware.
- Developed my project managing skill.

WEARABLE EYES | DESIGNED FOR VISUALLY IMPAIRED PEOPLE

- Identifying the environment of their surrounding, varied magnitude of vibration are sent continuously according to the surrounding.
- Patent was granted in P.R.China (NO.201420358436.3).

AWARDS

2015	Top 10	EngHack Fall 2015, University of Waterloo
2015	CDN 10K\$	Engineering International Student Scholarship
2015	CDN 2K\$	University of Waterloo President's Scholarship
2014	National	China National Utility Mode Patents
2012	National	Youth Scientific Innovation Contest, China
2011	Provincial	Youth Scientific Innovation Contest, Shanghai, China