

Chuankai (Alan) Yue

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EDUCATION

Candidate For:
UNIVERSITY OF WATERLOO
BASC, 1B COMPUTER ENGINEERING
WATERLOO, ON
Student ID#: 20628589

SKILLS

Languages :

Proficient in:

- C, C++, Java
- HTML, CSS, JavaScript, jQuery
- VHDL, Arduino, G-Code

Familiar with:

- JSON, AngularJS, SQL
- LaTeX

Tools and Application Software :

- Android Apps Development
- Bootstrap, Wordpress, cPanel
- Xcode, Eclipse, Android Studio
- Dreamweaver, Atom, Sublime Text
- Solidworks, Photoshop, SketchUp

Operating Systems :

- Mac OS X, Windows

Version Control :

- GitHub, SVN

LINKS

Personal://CKY.im
Github:// ckyue
LinkedIn:// ckyue
YouTube:// Chuankai Yue

COURSES

- Engineering Design with Embedded Systems
- Fundamentals of Programming
- Digital Circuits and Systems

CONTACTS

E-Mail :
c7yue@uwaterloo.ca

Mobile :
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*Reference is available upon request.

TECHNICAL EXPERTISE

- Solid skills in designing **functional** programs with C/C++ and Java.
- Web Development: HTML, CSS, JavaScript and jQuery. Capable of writing **clean** and **intuitive** codes.
- 3 years of hands-on experiences on developing **Open-Sourced Hardware** projects and programming on Arduino platform, with 3 **patents** granted.
- Knowledgeable in designing with Photoshop, Solidworks and Google SketchUp, as implemented on **side-projects** and patents.

SUMMARY OF QUALIFICATIONS

- Proficient in using office software: Microsoft Office, Apple iWork.
- Passionate and willing to **learn new skills** ,finished several side-projects while taking schools.
- Capable of **working productively** . Several hackathon projects prove me as a **quick-learner** .
- **Quick adaption** to new environment, derived from my experience as an international student.

SELECTED PROJECTS

KICKS4LOVE | FRONT-END WEB DEV PROJECT | GOO.GL/HwNnkZ

- Applied **HTML/CSS** in real world web application, while familiarized with **JavaScript** and **jQuery** .
- Collaborated with sneakers enthusiasts and started a latest sportswear information website.

EVEN MORE LUCKY | A CHROME EXTENSION | GOO.GL/UG60FT

- Developed with **Google Chrome** , **JavaScript** and HTML/CSS during EngHack Fall 2015.
- A **Chrome Extension** that enhances user's experiences when doing Google search. By injecting Content Script to DOM, result pages can be opened on 1-click.

PERSONAL WEBSITE | HTTP://CKY.IM

- Developed on **Dreamweaver** and **Atom** with HTML/CSS, Materialize and jQuery. The purpose is to showcase software and hardware projects that I have done over university and high school period.

OPEN-SOURCED HARDWARE PROJECTS

- Self-Designed 3D Printer: Designed and sketched every 3D-Printed structural part with **Solidworks** . Built it with **Arduino** for running with **G-Code** . Youtube Video: goo.gl/3ljfrZ.
- Wearables: A wristband with an ultrasonic sensor that is able to identify ambient environment with obstacles. Controlled with **Arduino** .

AWARDS

2015	Top 10	EngHack Fall 2015, University of Waterloo
2015	CDN\$ 12K	University of Waterloo Engineering Scholarship
2014	National	China National Utility Model Patents
2014	National	Youth Scientific Innovation Contest, P.R.China