

Chuankai (Alan) Yue

<http://CKY.im>
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EDUCATION

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

SKILLS

Programming :

- Java, C/C++

Web :

- HTML, CSS
- JavaScript: ES6, jQuery, NodeJS
- GulpJS, JSON, REST, RequireJS

Database :

- MongoDB, MySQL

Hardware :

- VHDL, Arduino, G-Code

Version Control :

- Git, GitHub

Tools and Application Software :

- Bootstrap, Wordpress
- Eclipse, Android Studio, XCode
- Atom, Sublime Text, Dreamweaver
- Photoshop, Solidworks
- LaTeX

Operating Systems :

- Mac OSX, Windows

LINKS

Github:// [ckyue](#)
Personal:// [cky.im](#)
LinkedIn:// [ckyue](#)
YouTube:// [Chuankai Yue](#)

CONTACTS

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yuechuankai@gmail.com

Mobile :

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*Reference is available upon request.

TECHNICAL EXPERTISE

- Solid skills in designing **Object-oriented** programs with Java and C/C++.
- Front-end Web: experienced in designing responsive websites by using HTML, CSS, and jQuery. Capable of writing **clean** and **intuitive** codes.
- Back-end Web: skilled in building scalable network applications based on **MEAN Stack**. Able to structure **Module-based** program.
- 3 years of hands-on experiences on developing **Open-Sourced Hardware** projects and programming on Arduino platform, with 3 **patents** granted.

SELECTED PROJECTS

PORTAL RUSH | ONE-BUTTON GAME

- Written in **Javascript ES6** purely on **HTML5 Canvas**.
- A One-button brain-teasing game that tests players' decision capacity and reaction ability.

KICKS4LOVE | FRONT-END WEB DEV PROJECT

- Applied **HTML/CSS** in constructing static web pages, with **jQuery** for visual effects.
- Collaborated with sneakers enthusiasts and started a latest sportswear information website.

EVEN MORE LUCKY | A CHROME EXTENSION

- 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.

OPEN-SOURCED HARDWARE PROJECTS | [HTTP://CKY.IM](http://cky.im)

- Self-Designed 3D Printer: Sketched it with **Solidworks**. Built it with **Arduino** for running with **G-Code**. Check it on Youtube: goo.gl/3ljfrZ.
- Wearables: A wristband that is able to identify ambient environment with obstacles. Controlled with **Arduino**.

SUMMARY OF QUALIFICATIONS

- 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.
- Proficient in using office software: Microsoft Office, Apple iWork.

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