

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
- AngularJS, Gulp, JSON, REST

Database :

- SQL

Version Control :

- Git, GitHub

Tools and Application Software :

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

Operating Systems :

- Mac OS X, Windows

Hardware :

- VHDL, Arduino, G-Code

LINKS

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

SUMMARY OF QUALIFICATIONS

- 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.
- 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** .

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.

PORTFOLIO PUBLISHER | WEB-BASED APPLICATION

- Targeted on employers or job seekers who want to have a quick view of a person's professional profile (GitHub, LinkedIn).
- Implemented various **RESTful APIs** to fetch data asynchronously. Parsed data with **jQuery** and **Python** scripts.

KICKS4LOVE | FRONT-END WEB DEV PROJECT

- Collaborated with sneakers enthusiasts and started a latest sportswear information website. Achieved 1.5k **Daily Unique Visitors** on average.
- Applied **HTML/CSS** in constructing static web pages, with **jQuery** for visual effects.

EVEN MORE LUCKY | CHROME EXTENSION

- A **Chrome Extension** published on Google Chrome Web Store. Developed with **JavaScript** and **HTML/CSS** during EngHack Fall 2015.
- Enhanced 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** .

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