Siyang ZHAo SOftware engineer/web Developer

(+1) 647-937-5488 kern\_zhao@126.com github.com/zhaosiyang zhaosiyang.com

# Skills

Java, Python, C, HTML, CSS, JavaScript, TypeScript, jQuery, Angular1.x, Angular2, MongoDB, NodeJS, AWS, Google App Engine, Android, SQL, Web security, Machine Learning(in porgress)

# Projects

Easy4.0 Website and Internal Management System Jun 2016 - Jul 2016

* Company's website which can be dynamically changed by admin
* Student registration system which makes it happen that students can register online and admin can manipulate in the portal.
* Check out the website at <http://easy-four.com/>(admin not accessible due to the product already in production)

PracticeCactus Jul 2016 - Present

* An Android and Web app aiming to help piano teachers manage their students and track progress

OnMyFeet Jan 2016 - present

* Cooperated with SickKids Hospital and will be put into practical use in summer 2016
* iOS- and Web-based app with the aim of engaging patient into actively performing therapy and simplifying therapist’s management
* Take a look at the web portal(username and password are both zzzzz): <http://do.zhaosiyang.com:8090/>
* Final project video: <https://www.youtube.com/watch?v=iryJgT5yhSU>

Research On Multi-Channel Payment System for Vending Machines Dec 2014 – May 2015

* Realized purchasing from vending machines with student card
* Awarded Best Thesis/Design of Zhejiang University 2015 (top 10%)

SharedTunes May 2016 - Present

* Web Application aiming at help people share pronunciations (especially human names, places, and those which are difficult to find in a regular dictionary)
* Built Google Chrome extensions and developer API

Course Management System for Tutor ([http://studyroom.zhaosiyang.com](http://studyroom.zhaosiyang.com/))

* Help a tutor to manage his courses and students online (about 30 students using)
* Safe authentication, built on Google App Engine

TA Helper ([http://ta-helper.zhaosiyang.com](http://ta-helper.zhaosiyang.com/))

* Real-time queueing system helping teaching assistants handle students’ requests online
* TA page and students page work simultaneously to make the lab session more efficient

# Work Experience

Easy4.0 Education Inc. Web Developer | May 2016 – Present

* Developed company website, course register and management system/admin web portal

University of Toronto Teaching Assistant | Jan 2016 – Present

* Teaching CSC108 Introduction to Computer Programming (Python)

# Education

University of Toronto Master of Engineering – Computer Engineering | Sep 2015 – May 2017

* Concentration on web technology
* Related Courses: CSC309 Programming on the Web (A-); ECE1778 Creative Mobile Apps for Mobile Devices (A); CSC2515 Machine Learning (In progress); ECE1779 Intro to Cloud Computing (TODO)

Zhejiang University Bachelor of Engineering – Electrical Engineering and Automation | Sep 2011 – Jun 2015

* GPA 3.8 out of 4.0
* Selected for Chu Ko Chen Honors College (top 5%) and graduated with honor degree.
* Best thesis awards (top 10%) and multiple scholarships

University of Western Australia exchange program | Jul 2014 – Nov 2014

On-line School Udacity, Thenewboston, Udemy