

# SIYANG ZHAO SOFTWARE ENGINEER/WEB DEVELOPER

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## SKILLS

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

## 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 to 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>)

- 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>)

- 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, Thencowboston, Udemy

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