

# Cheng Zhang

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## OBJECTIVE

Get an opportunity to gain experience and exercise myself in software engineering field with an internship.

## PERSONAL SUMMARY

I am a quick learner with a strong passion to learn new technologies and knowledge. In previous, I gradually had a profound understandings of software engineering, data mining and different operating system. Now I am pursuing master degree of computer science in University of Southern California, and I am interested in artificial intelligence and machine learning. I want to participate in an internship, in which I can deploy my knowledge learnt from classes, gain experience of working and realize my full potential.

## EDUCATION

|  |                                |
|--|--------------------------------|
| <b>University of Southern California (Master Degree)</b><br><i>Computer science and technology</i>                                 | August 2016 (currently attend) |
| <b>Xi'an Jiaotong University (Bachelor Degree)</b><br><i>Computer science and technology</i><br>GPA: 3.75 of 4 Rank: top 20 of 200 | September 2012 – June 2016     |

## SKILLS

Programming language: Java(proficient, 4 yrs), C/C++(proficient, 4 yrs), Python(familiar, 2 yrs), PHP(familiar, 1yr), HTML5(proficient, 3 yrs), CSS(familiar, 1yr), Javascript(familiar, 1yr)  
COTS: MySQL(proficient, 2 yrs), SQL server(familiar, 2 yrs), Jira(proficient, 1yr)  
Operating system: Linux(familiar, 3 yrs), Windows(proficient, 6 yrs), MacOS(proficient, 3yrs)

## RELEVANT COURSEWORK & EXPERIENCE

|   |                                 |
|---|---------------------------------|
| <b>University of Southern California, Computer Science, Los Angeles, CA, U.S.</b><br><i>E-lockbox: A software project based on MVC framework</i> <ul style="list-style-type: none"><li>Used the incremental commitment spiral model to develop.</li><li>A browser/server project.</li><li>Based on a popular framework – Laravel, a MVC framework using PHP programming language and MySQL.</li></ul>   | August 2016 (currently working) |
| <b>Xi'an Jiaotong University, Computer Science, Xi'an, Shaanxi, China</b><br><i>Human activity recognition based on Wifi signal: Graduate Project</i> <ul style="list-style-type: none"><li>Used Linux system to capture CSI(channel state information) which is caused by human activity.</li><li>Used wavelet transform to analysis signal and CSI based on Matlab.</li><li>Deployed data mining to train model and recognize human activity.</li></ul> | September 2015 – June 2016      |
| <b>Microsoft Research Asia, Internship Program, Beijing, China</b><br><i>Artificial Intelligence Group</i> <ul style="list-style-type: none"><li>Took part in develop Distributed Machine Learning Toolkit, an open source project.</li><li>Deployed pattern recognition to a recognition system.</li><li>Deployed pattern recognition on Raspberry Pi and STM32.</li></ul>   | August 2015 – February 2016     |
| <b>Sichuan Huadi Information Technology Co., Ltd, Chengdu, Sichuan, China</b><br><i>Information management: A software project based on SSH</i> <ul style="list-style-type: none"><li>Used the spiral model to complete development.</li><li>A browser/server project.</li><li>Based on struts, spring and hibernate framework.</li></ul>   | June 2014 – August 2014         |