

# Hao Zhou

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## OBJECTIVE

Full-time job or internship focused on software engineering.

## EDUCATION

**Worcester Polytechnic Institute**, Worcester, MA

Master of Science, Computer Science

May 2014

**Dalian University of Technology**, Liaoning, China

Bachelor of Engineering, Computer Science

June 2012

**Honor:** Outstanding graduate of DLUT

## RELATED COURSEWORK

C/ Java language programming, DBMS/Hadoop, Computer Networks, Data Structure, Algorithm Design, Operating System, Computer Compilers, Computer Architecture, Artificial Intelligence

## SKILLS

Languages: PHP(proficient), C(proficient), Java(proficient), Python, Perl, HTML, CSS, JS

Tools: Sublime Text, Eclipse, Visual Studio, Photoshop

OS: UNIX (Ubuntu), Windows

## PROJECTS

1. Founder & Developer for WPILIFE Website (made it Open Source) 2013.07 – Present  
✓ Develop website[<http://wpilife.org/>] to provide life services for WPI [Chinese] Students base on CSSA
2. TCP Network Storage (Course project using C) 2013.03~2013.04  
✓ Made client send the most updated files to/get files from the Server with commands (According to last modified time).  
✓ Implemented concurrency with multi-processes.
3. Hadoop Project (Course project using Java) 2013.02~2013.04  
✓ Developed a Customer Input Format (Default Hadoop input is one line one record, and I made it multi-lines one record).  
✓ Implemented K-Means clustering with MapReduce jobs.

## RELATED EXPERIENCES

1. Volunteer programmer @ Informite (Startup) 2013.04 – 2013.09 (Boston, MA)  
✓ Developed code to interface APIs using Python: retrieve article links from influencers' tweets for special fields, so that other programmers in the team can do further use of the URLs.
2. E-commerce Developer @ Achemtek (Internship) 2013.05 – 2013.08 (Worcester, MA)  
✓ Developed the whole website  
✓ Maintained the database and migrated data between Excel sheets&MySQL, MySQL&MySQL using Perl scripts
3. IT Director @ MIT-CHIEF (Association in MIT) 2013.08– Present (Boston, MA)  
✓ Re-building and upgrading the website

## ACTIVITIES

- IT Director & member for MITCHIEF (<http://mitchief.org/>) 2013.03 - present  
Volunteer for WPI TouchTomorrow Festival 2013.06  
Head of Technology department of CSSA in WPI 2013  
Implemented an online test system for Dalian Polytechnic University 2012  
Founder of on-campus TaoBao Club, and technical instructor for club members 2010-2012  
Silver Awards for Nokia Youth Start-up Business Plan Competition 2009

Find more info about me: <http://www.linkedin.com/in/sbzhouhao>

<https://github.com/zhouhao>