

# Hao Zhou

80 Park Ave APT2, Worcester, MA, 01609

(508) 335-9815

[hzhou@wpi.edu](mailto:hzhou@wpi.edu)

## 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), ASP.NET, Python, Perl, HTML, CSS, JS

*Database:* MySQL, MongoDB, MSSQL    *Tools:* Sublime Text, Eclipse, Visual Studio    *OS:* UNIX (Ubuntu & Mac OS), Windows

## PROJECTS

1. 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 identity authentication for multi-users & concurrency with multi-processes.
2. Big Data Project (Course project using Java) 2013.02~2013.04
  - ✓ Studied kernel code of Hadoop and 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 (2D numeric vectors & 100 thousand real tweets) & Mahout.

## RELATED EXPERIENCES

1. Founder & Developer for WPILIFE Website (My own Open Source project) 2013.07 – Present (Worcester, MA)
  - ✓ Use my spare time to develop website[<http://wpilife.org/>]to provide life services(house resources, moving sale, instructions & FAQ for new students, ...) for WPI Students
2. 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.
3. 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
4. IT Director @ MIT-CHIEF (Association in MIT) 2013.08– Present (Boston, MA)
  - ✓ Re-building the whole website

## ACTIVITIES

- Volunteer for WPI TouchTomorrow Festival 2013.06
- Head of IT department of CSSA (Chinese Students & Scholars Association) in WPI 2013
- Implemented an online Test & Exam 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/zhouthao>