

CHENG CHENG

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SUMMARY

Experienced in software development with Java, MySQL, JavaScript, CSS, Maven and Java Frameworks (Struts2, Spring, Hibernate)

3 years of experience in web application development and relational database design

Self-driven, quick learner, team worker, excellent analytical and communication skills

SKILLS

Programming Languages/Database:

Java, C, PHP, HTML, Swift, SQL, JavaScript, MySQL

Tools/Servers/Framework: Node.js, jQuery, WebStorm,

Eclipse, Tomcat Server, IIS, Spring, Hibernate, Struts2

EDUCATION AND TRAINING

MASTER OF SCIENCE: COMPUTER SCIENCE

2017

Southern Methodist University, Lyle School of Engineering, Dallas, TX, US

GPA 3.6/4.0

WORK EXPERIENCE

SINOCONTECH

Irving, TX

Software Engineer Intern

Aug 2017 to present

- Designed and implemented website with Java (using Spring, Struts2 and Hibernate), JavaScript, HTML5 and CSS.
- Constructed MySQL database for web application and implemented it on the AWS.
- Created user signup and login interface and used MD5 to encrypt password.

NCSI (CHINA)

Suzhou, Jiangsu, China

Software Consultant (Entry-Level Java Programmer)

Sep 2014 to Feb 2015

- Acted as a leader of interns, responsible for the daily work management of interns. Successfully led design presentations to product management team.
- Participated in an online banking service project and helped firm finish User Manual of the project.
- Proposed over 20 improvements, 90% of which got accepted.
- Improved compatibility on different web browsers (Safari, Chrome, IE, Firefox) of the online banking service project.
- Troubleshooter and resolved over 100 page-display issues caused by browser compatibility and framework configuration.

PROJECT EXPERIENCE

Web Crawler (Java Project), Course Project in SMU

- Managed a group of 5 interns; prioritizing their work. Led design presentation.
- Researched and revised the design of crawler4j (Java Web Crawler Open Source project). Created a new method to store seeds in a XML file and developed standard format for the document. Successfully implemented this new storage strategy for the web crawler.
- Helped team members solve the problem of platform compatibility on macOS 10.

Wireless Sensor Network Simulation and Analysis, Course Project in SMU

- Researched on Random Geometric Graph(RGG) generation, coloring and bipartite backbone selection algorithms and implemented on square, disk and sphere using Java (Eclipse platform).
- Tried to implement graphical interface display by using Processing 3 and succeed in implementation of Random geometric graph generation algorithm.

Personal Website(Web application), Personal Project (www.alencheng.com)

- Designed websites with HTML5, CSS. Set up the web server on AWS and forward domain to my AWS server. Deployed the web application on tomcat server.
- Configured tomcat server to listen web requests and responded to web requests.