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# YOU ZHOU

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## PROFESSIONAL SUMMARY

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**Objective:** Summer internship in Software Engineering, Data Science.

**Language:** Chinese(native), English(fluent, passed the ESL language test in Worcester Polytechnic Institute)

**Professional description:** Advanced knowledge of Java and Python. Practical project experiences in software design, development and integration. Course project experience in machine learning and data science.

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## SKILLS

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| • Java                | • Machine learning              |
| • Python              | • Web-based software            |
| • HTML and Javascript | • Advanced critical thinking    |
| • Linux               | • Teamwork communication skills |

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## PROJECT EXPERIENCE

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**Software Engineer**, 04/2016 to 06/2016

**Fifty-fourth Research Institute of China Electronic Technology Group Corporation** – Xi'an City, Shaanxi Province, China

- Designed data structure and implemented floodlight rest APIs, based on the data required for communication between controllers in SDN network, including but not limited to hostmap, link, and switch.
- Designed and implemented web project to visualize basic information about real-time network, especially on topology graph. Project frame consisted of floodlight, php server, javascript, and html.

**Software Engineer**, 06/2015 to 07/2015

**Department of Financial Information of DCITS** – Xi'an City, Shaanxi Province, China

- Led four members throughout project building framework and implementing several transactions of bank system, ranging from java web service to back-end database.
- Based on MVC pattern, implemented three main parts of bank system named Teller, Esb and Ensemble with technology listed. Html and Jsp(view), Servlet(control), Javabean(model), Oracle DBMS. Besides, Socket, Message queue, JDBC as communication and connection.

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## EDUCATION

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**Master of Science:** Computer Science, Current

**Worcester Polytechnic Institute(WPI)** - Worcester, MA

GPA: 3.66/4.0

Core courses: Design of software system, Artificial intelligence, Introduction of data science, Big data management.

**Bachelor of Science:** Computer Science, 2016

**Xi'an Jiaotong University(XJTU)** - Xi'an City, Shaanxi Province, China

Core courses: Design of software system, Principle of network, Data mining, Data structure and algorithm, Operating system, Database management, etc.

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## ACTIVITIES

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**Active member**, CSSA(Chinese Students and Scholars Association) in WPI, Worcester, MA Aug 2016-Current

**Team captain**, Dance Troupe in XJTU, Xi'an, China May 2014-Jun 2015

**Director**, Department of Sports in student council in XJTU, Xi'an, China Jun 2013-Jun 2014