

Yifu WANG

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OBJECTIVE

Seeking a summer internship that will utilize my web development and software engineering skills.

EDUCATION

AUG 2014 - MAY 2016 **Carnegie Mellon University**, Language Technologies Institute
M.S. of COMPUTER SCIENCE
Courses: Advanced Data Structure and Algorithms; Machine Learning;
Design and Engg. of Intelligent Info System; Search Engine;
GPA: 3.74 / 4.00

SEP 2010 - JUN 2014 **Dalian University of Technology**, School of Computer Engineering
B.S. of SOFTWARE ENGINEERING
Courses: Operating System, Compiler Techniques, Database Systems,
Computer Network, Computer Architecture, Software Engineering,

WORK EXPERIENCE

AUG 2013-FEB 2014	MTS Intern at VMware, Beijing Worked as a full stack web development intern. Independently implemented several desktop and web based applications for the department to evaluate and keep track of the globalization process of VMware products. The tool reduced average reporting process time by more than 50%.
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PROJECTS

- BIG WISDOM:**
- Web-based stock price prediction application using Bloomberg API.
 - Implemented user interface using jQuery, bootstrap, Highchart
 - Implemented back-end server using Apache, PHP, Python, Shell
- DASHBOARD:**
- Web-based tool for my colleagues to submit data and generate report.
 - Implemented user interface using jQuery and bootstrap
 - Used Highchart and D3.js to visualize data, and generate report with chart in PDF and Excel format.
 - Implemented back-end server using Apache, PHP, MySQL
- SEAT FINDER:**
- An android app which helps students find nearest empty study room.
 - Developed server and part of APP.
 - Designed ranking algorithm based on user votes and elapsed time
 - Using thread pool to handle simultaneous requests.
- DRAW**
- An Online game runs on Linux
- SOMETHING:**
- Developed graphic processing and server using C++ and Qt
 - Used bezier curve to represent store graph information
 - Adopted serialization to package graph data
 - Implemented TCP/IP multithread server to transmit graph data in real time and support multiple users simultaneously.

SKILLS

Languages: JAVA, Python, C, C++, MySQL, HTML, JavaScript, jQuery, PHP, C#, R

Other Technologies: Web Development, Linux, Android, NoSQL(MongoDB), network programming, data analysis, Hadoop, Scrum, Git