

Wei Zhang

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EDUCATION

Northeastern University, Boston, MA Sep 2014 - Dec 2016
Master of Science in Information Science

Beijing University of Technology, Beijing, China Sep 2010 - May 2014
Bachelor of Science in Software Engineering

TECHNICAL STRENGTHS

Programming Languages: Java, Javascript, SQL, Shell, HTML, CSS

Frameworks & Technologies: Spring, Struts, Hibernate, Node.js, Angular.js, MySQL, MongoDB, OWASP

Systems & Tools: Linux, Windows, Eclipse, WebStorm, JIRA, TestRails, Visual Studio, Splunk, GIT, Agile

WORK EXPERIENCES

Vecna Technologies, Cambridge, MA Feb 2017- Present
Software Engineer

- Maintained and delivered features to VAMC by using Struts2, Spring MVC, Hibernate and PostgreSQL
- Collaborated with project manager and other team members according to agile development practices

ComeOnGirls, Somerville, MA Apr 2017- Present
Software Engineer

- Built a donation platform that connects educational resources for rural girls from underserved regions in China
- Collaborated with project sponsor to analyze requirements and draft development plan
- Designed and implemented entire platform using Node.js, Express.js, MongoDB and deployed on AWS
- Improved security level by deploying VPC via AWS, SSL and integrating two-factor authentication

Paypal, Newton, MA Jan 2016- Aug 2016
Software Engineer CO-OP

- Built the B2B application using agile methodologies, Java Spring MVC and introduced Angular.js in front-end
- Increased efficiency by 40% by creating an “all-in-one” application with 21 RESTful APIs with 3 support features
- Implemented role based authentication and LDAP by using Spring Security which strengthened the security level
- Improved the accuracy of payment performance monitoring by analyzing log, creating alert query on Splunk

Quanshi Cloud Services Inc., Beijing, China Nov 2013- Feb 2014
Software Engineer Intern

- Maintained and delivered features to Business Support System by using LAMP and Codeigniter as framework
- Developed web based internal tools for development team to improve efficiency of debugging
- Collaborated closely with support and QA teams to optimize and develop a robust solution for existing systems

PROJECTS EXPERIENCES

Personal Project

Job Application Assistant, Boston, MA Sep 2017- Present

- Created a web application that helps job-seekers find jobs in tech field in a more efficient way
- Designed and Implemented multiple modules by using Node.js, Express.js, MongoDB, Mongoose

Capstone Project

Insecure Payment - Cigital, Boston, MA Sep 2016- Dec 2016

- Architected and documented the schema of database (PostgreSQL), and RESTful API
- Designed and implemented entire RESTful APIs according to proposal for client side by using Node.js
- Implanted top 10 OWASP Mobile vulnerabilities into the backend services for training new employees

Personal Project

Data Authentication Platform, Boston, MA Sep 2016- Oct 2016

- Created a web application helps users that checking corrupted files by using Spring MVC and Hibernate
- Built with role based user system by using Spring Security and self-designed authentication function
- Designed and implemented web services (RESTful API) for desktop client and mobile app