# SHIHUAN SHAO

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## SOFTWARE DEVELOPER

Software developer focused on web and mobile development. Have a solid background in Javascript and J2EE. A quick learner and an excellent team player. Interested in a position of software development engineer. Previous working experience in various web application development and have an in-depth knowledge of:

- Javascript, jQuery, AJAX, AngularJS, NodeJS, D3JS
- Java, SpringMVC, Hibernate
- HTML5, CSS3, Bootstrap
- Web RESTful Service, JSON, SQL

## WORK EXPERIENCE

**Junior Web Developer - DesignAShirt.com**                    May 2014 - Present (7 months)

- ***Developed an AngularJS-based hybrid Android app***, Production V2, to monitor and update order status.
  - ✓ In the initial version, built the responsive front end, handled the sophisticated business logic.
  - ✓ Implemented real-time communication and barcode scanner. Built the Android app with PhoneGap.
  - ✓ In the optimized version, developed timeline module, search module, and automatic update module.
  - ✓ Production V2 app has been delivered to Production Department to test.
  - (Working with AngularJS, Ionic Framework, PhoneGap, socket.io, Jenkins, Git, JSON).
- ***Zendesk App***, for customer service team to check order and customer information.
  - ✓ Retrieve data from admin system via Cross-Origin Resource Sharing.
  - (Working with HTML, CSS, Javascript, jQuery, AJAX, HandlebarJS, Git, JSON).
- ***Developed an ASP.NET MVC - based web application*** for outsourced printers to manage their allocated orders.
  - ✓ Developed a set of RESTful Web API to communicate order status with Admin system.
  - ✓ Implemented business logic. Handled data persistence. Set up email and error logging system.
  - ✓ Created dynamic front end, and used asynchronous update heavily. It has already been used in production.
  - (Working with ASP.NET MVC, Entity Framework, JQuery, AJAX, Elmah, Bootstrap, Git, SQL Server, JSON).
- ***Developing new features for company public website and internal systems.*** Mainly working around front end.
  - (Working with HTML, CSS, Javascript, jQuery, Jenkins, Blitline API, Sauce Labs, Selenium, ASP.NET, Git, SQL Server).

**Software Development Intern - Pearson**                    June 2013 - August 2013 (3 months)

- ***Developed a Python web application***, Nibiru, which automates software installation in Amazon EC2 instances.
  - ✓ Developed a new service to automatically provision a cluster of EC2 instances with ElasticSearch installed.
  - ✓ Developed a module to dynamically handle allocation/association of Elastic IP and attachment/deletion of EBS volumes.
  - ✓ Developed a script to extract team name and create a tag with the team name for each instance.
  - ✓ Review pull requests of other team members. My code had already been integrated into the production environment.
  - (Working with Python, Boto, Flask, WTForms, AWS, Jenkins, ElasticSearch, Git, Agile/Scrum, Linux).

**Teaching Assistant - Arizona State University**                    Jan 2013 - May 2013 (5 months)

- Communicated to solve queries and helped students understand Object–Oriented Programming in Java.
- Helped students complete Java coding projects. Graded assignments, projects and exams.

## OTHER PROJECTS

**Secure Banking System**                    Sep 2013 - Nov 2013

- Developed a banking system with multiple security features. Working with Java Spring MVC, Hibernate, JSP, HTML, CSS, and MySQL.

**Project Management System**                    Mar 2014 - Apr 2014

- Developed a web project management system which allows users to customize the components of their projects. Working with Java Spring MVC, Hibernate, JSP, HTML, CSS, Bootstrap, Javascript, jQuery, MySQL, JSON and Git.

**Mobile Cloud Location-based File Sharing Android App**                    Sep 2013 - Nov 2013

- Developed an Android file sharing system which supports file sharing between devices or via cloud. Working with Java Socket, Hibernate, MySQL and Amazon EC2.

## EDUCATION

**Master of Computer Science,** Arizona State University, May 2014, GPA 3.55

**Master of Science in Biology,** Arizona State University, July 2012, GPA 3.96

**Bachelor of Science in Veterinary Medicine,** Nanjing Agricultural University, June 2010, GPA 3.93