

YUEQI “GAVIN” LI

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SUMMARY

- Well-trained, self-motivated graduate student major in software engineering, **graduating in December 2014**.
- Passionate about coding and new technologies. Enjoy team working. Excellent communication skills.
- Proficient in web development using Java J2EE and Spring MVC.
- Hands-on experiences on JDBC, Hibernate and relational databases such as Oracle, MySQL and SQL Server.
- Prior Experience on C, JavaScript, JSP, PHP, HTML, CSS and Gradle.
- Solid in algorithms and data structures as well as Object-Oriented design.
- Familiar with and be able to work in both Linux and Windows environment.
- Worked in Agile and Harmony environment and familiar with other development methodologies.

WORK EXPERIENCE

Application Developer Intern	Excentus Corporation	Jun 2013 - May 2014
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RM Administrator Portal

- Added the “Universal Search” feature to company’s new Spring MVC based admin portal.
- Changed back-end database interaction mechanism to support wild range blur search.
- Modified front-end by adding “All Results” section to display all possible matches from the database.
- ✓ Reduced time cost on searching process by 80% and resolved unsearchable uncategorized keyword problem.
- ❖ Accomplished by using Java, JDBC, Spring MVC, Hibernate, HTML, CSS and Bootstrap.

“RM Watcher” Real-Time Server Status Monitoring Tool

- Developed a Spring MVC based web application from scratch for App Analyst team.
- Built the front-end using Bootstrap while all UI components recursively constructed from one jsp page.
- Coded the Java back-end model which reads UI layout and configurations from a XML file and builds the app.
- Programmed “SSH robots” running in separate threads to collect data from remote servers.
- ✓ Allowed App Analyst team to monitor real-time system healthiness and anticipate upcoming issues.
- ❖ Developed using Java, JSch, Spring MVC, HTML, CSS and Bootstrap.

Application Analyst Intern	Excentus Corporation	Jun - Aug 2014
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Deployment Automation

- Wrote Gradle scripts to backup and deploy applications in JBoss servers hosted by Rackspace.
- ✓ Simplified deployment process, reduced application down time by 60% and human resource cost.

System Analysis

- Resolved customer and participant issues by data mining in Linux servers and Oracle databases.
- Took one week on call duty every month to monitor and resolve emergency alerts from distributed system.

PROJECTS

Internet of Things Project: “CometPark” Parking Spot Locating System	Jan – May 2014
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- Team leader of the project. Designed the architecture of the system, created project plan, and directed the team.
- Programmed ultrasonic sensor and Bluetooth component in C to detect spot status and send Bluetooth signal.
- Wrote Java program on Wi-Fi sensor hub to receive serial Bluetooth signal and send HTTP requests to the server.
- Set up Tomcat and MySQL in Linux cloud server, bought domain name and rerouted its DNS.
- ✓ Decreased average parking spot finding time by 20 minutes, reduced on-campus traffic and saved gas.
- ❖ Technologies Used: C, JAVA, MySQL, Bluetooth, Linux, Google Map API, Java HTTP Server.

Single-Page Web Application: JSON API Based Website	May – Jun 2013
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- Developed an Amazon-like website from scratch using the JSON API of a blogging company.
- Used Bootstrap as UI theme and AJAX (JavaScript) to manage page content as well as user interactions.
- Coded the back-end in PHP to interact with MySQL database and JSON API.
- ❖ Technologies Used: PHP, JSON, MySQL, JavaScript, AJAX, HTML, CSS, Bootstrap.

EDUCATION

Richardson, TX	The University of Texas at Dallas	Fall 2012 – Fall 2014
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- Master of Science in Software Engineering, GPA 3.63/4.0

Shanghai, China	The Shanghai University of Electric Power	Fall 2008 – Spring 2012
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- Bachelor of Engineering in Electronic and Information Engineering, GPA 3.76/4.0