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Jason Wu
Software Engineer

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Technical Skills

Strong: Java, JavaScript, jQuery, Angular, Express, Node, React, MySQL, MSSQL, MongoDB, Hibernate, JSP, Spring, AWS S3, DynamoDB, D3, Mocha/Jasmine, Karma, JUnit, Mockito, Subversion, Git, Grunt, Gulp, Apache Ant, Maven, HTML, CSS, LESS, SASS
Experienced: JProfiler, Splunk, New Relic, Neustar, Android, Objective C, C#, C, Hadoop, Mahout, AWS Map-Reduce

Projects

In-Class | Software Engineer | <https://in-class.herokuapp.com/>

Single-page web application for online tutoring

- Implemented the front-end components with React and Redux for faster DOM rendering
- Integrated WebRTC video streaming component with third-party vendor to provide video chat service
- Designed and developed front-end UI widgets with SASS, LESS and Bootstrap for quality user experience

Caffiend | Scrum Master | Software Engineer | <http://caffiend.herokuapp.com/>

Single-page web application that allows users to review cafe menu items

- Established software backend architecture and built the Node server with Express framework
- Implemented a front-end user interface with Angular and Bootstrap to provide an interactive rating system
- Managed the team's Git workflow and automated unit tests by streamlining deployment with Grunt and Karma

Calendar Integration | Software Engineer | <https://www.icims.com/>

Calendar feature that integrates with popular calendar applications

- Engineered OAuth and RESTful APIs that provide application integration with Google App and Microsoft Azure
- Designed a scalable SQL database model and implemented the backend handlers with Spring framework
- Developed the front-end interface with jQuery to provide a fast and responsive event calendar

Resume Clustering | Software Engineer | <https://www.icims.com/>

Machine learning prototype that clusters high volume of resumes

- Created a prototype that categorized over 300,000 resumes with different Apache Mahout clustering algorithms
- Accomplished distributed computing with the use of map-reducers across clusters of computers through Hadoop
- Achieved an 85% reduction in calculation time through AWS MapReduce deployment with AWS S3

Mobile App | Software Engineer Intern

iOS mobile app that keeps track of user's hydration level

- Developed an iOS prototype that calculates user's hydration level via user interface and push notifications
- Built the data transferring layer between phone and Arduino powered accelerometers via Bluetooth 4.0
- Integrated user activities by integrating a social login and external vendors through OAuth and RESTful APIs

Experience

iCIMS Inc. | Software Engineer

New Jersey, 2013-2016

J2EE application tracking software for recruiters

- Maintained an existing code base and created new features for email, calendar, and video components.
- Mentored interns and new hires on special projects, including SQL performance tools and recommendation engine
- Analyzed and enhanced site performance, including proper Java memory/heap usage, and SQL server conflicts

Caktus Inc. | Software Engineer Intern

New Jersey, 2013

Water bottle sensor for keeping track hydration level

- Prototyped an iOS application to communicate with sensor and provide information to users

Education

Rutgers, The State University of New Jersey | B.S. Computer Science | Minor in Mathematics

New Jersey, 2009-2013

Personal

Having lived in Taiwan, I'm fluent in Mandarin. I'm also an active chess player and chess teacher for my community.