

Ruoran Wang

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SUMMARY

Passionate about and searching for opportunities in Full-stack Web/Software development domain.

SKILLS

- Languages Java, HTML, JavaScript, C++
- Web Technologies CSS3, AngularJS, AJAX, NodeJS, Bootstrap, JSON
- Frameworks J2EE, Spring MVC, Hibernate, MyBatis, Spring Boot, REST Api, JSP/Servlets, JSTL
- Tools AWS, GitHub, TravisCI, IntelliJ, Eclipse, Maven, Postman, Visual Studio, JMeter
- Database MySQL, NoSQL, MongoDB, PostgreSQL, MS SQL Server, Power BI

SCHOOL PROJECTS

- Web Store via API Sep. – Dec. 2018
 - This project was focused on exploring **AWS** and its services. Created an RDS instance to store data in form of files using S3 bucket. Implemented functionalities like users sign up, sign in, create multiple folders, upload and modify files in those folders and reset password. Users can access these features using a Web API exposed via EC2 instance. Used Postman to make these calls.
 - Led a team of 4, controlled progress of each member, implemented web API component; responsible for version control using GitHub. Used TravisCI and Amazon CodeDeploy for CI/CD.
 - Secured and made the application fault tolerant using AWS firewall. Tested it with SQL Injection, XSS and CSRF. Implemented CloudWatch on AWS to monitor the performances and web-events.
 - Made the application serverless using AWS Lambda. Used DynamoDB and SNS to control the emailed password-reset links by associating each with a token and TTL.
- Online book-store website Feb. - May. 2018
 - Implemented functions that users can search books through Google book API, create orders and track orders and admin can view the user information including their account, orders and their details.
 - Used Spring MVC, Hibernate, JSP, Servlets for business logic; MySQL on backend; HTML5, Bootstrap, AJAX, JSTL for front-end.
 - Assured security and good performance by using Spring Security.
- Shopping website Feb. - May. 2018
 - Implemented front-end features users can sign up, sign in, search real-time books through Google book API, using AngularJS framework, JavaScript, CSS, HTML5, Bootstrap, jQuery and Node JS.
- Android App for ordering food Sep. - Dec. 2017
 - Created an app where users can sign up, sign in, view menus, place orders and receive real-time updates on order-status .
 - Led the team of 4; was responsible for implementing back-end and version-control.
- Food delivery management system using Java Swing Interface Sep. - Dec. 2017
 - Developed a system wherein customers can sign up, view the food menu, place and rate orders, and track status (e.g. under preparation, ready or out for delivery. Users can see location of carriers on Google Maps); and restaurants can add items, accept orders and notify carriers when food is ready for delivery, carriers will see the orders sorted by distance and choose orders they want to deliver and update their real-time location.
 - Developed the user interface using Java Swing using design patterns and Google maps API for location of carriers on the map.
- Android app for University tour using AR Feb. - Jun. 2017
 - Programmed an app where users can see markers of all the buildings in their cameras and interact with the augmentations.
 - Used Map API and Wikitude API to make it a location and sensor-based AR app.

EDUCATION

- Northeastern University Sep 2017 - May 2019 (Expected)
 - Master of engineer in Information System
- Beijing University of Posts and Telecommunications (BUPT) Sep 2013 – June 2017
 - Bachelor of engineer in E-commerce

EXTRA-CURRICULAR ACTIVITIES

- National Award in College Student Innovation and Entrepreneurship Program
- Outstanding Award in College Student E-Commerce Innovation Contest
- volunteer teacher for Hongli primary school in Pingxifu; president of the U-Life Club; founded clay craft club and made it the largest club on campus; player of pool club in NEU