Lucas Zhang

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OBJECTIVE

To obtain a full-time position in software engineering.

CORE TECHNICAL STRENGTHS

Language: Java, JavaScript, Angular JS, Python, C++, HTML5

Databases: MySQL, MariaDB, MongoDB

Tools: Eclipse, Pycharm, Hibernate, Spring boot, Maven, Selenium, Agile, git

PROJECT EXPERIENCE

Asta Funding, Inc. (ASFI), Englewood Cliffs, NJ July. 2016 – Present

Software Engineer (Angular JS, Java maven, spring boot, HTML5, JavaScript, MariaDB)

Asta Funding, Inc. Is a diversified financial services company that assists consumers and serves investors through the strategic management of four complementary business segments: Personal Injury Claims, Structured Settlements, International Consumer Debt and Disability Advocacy. This web-based application is an Online Customer Management System which is used to manage the information of the customer. It allows users to log-in with different authority to search, add and modify the data of the customer. It also allows users to export the customer information to a csv file.

Project: Asta Customer Connect

Responsibilities:

- Worked on creating Single Page Application (SPA) using Angular JS, HTML5, Bootstrap and JavaScript to make the web application more responsive.
- Worked in Agile-Scrum methodology and attended daily scrum meetings.
- Defined application routes by using Angular route to implement SPA.
- Created multiple controllers, models for web application.
- Created Restful Web API for database operations (CRUD) by using Java spring boot.
- Implemented CRUD operations with the help of $http service to retrieve data.
- Customized filters for user to filter data easily.
- Implemented clients side validation with the help of HTML5 ($valid, $require, $dirty etc) attributes.
- Used git for version control.

Stevens Institute of Technology, Hoboken, NJ Fall 2014-Spring 2016

Google Search Engine Spring 2016

The project simulates the original version of Google's search engine, implemented using Java.

- Used multiple threading and BFS to crawl the websites by 4 seeds.
- Designed distributed method to store all the keywords, document ID and position ID into 8 files.
- Generated heap sort algorithm to combine all the files and created two inverted index files.
- Calculated the scores of every term for a query, and returned the URL of the term related websites.

EDUCATION

Master in Computer Science, Stevens Institute of Technology, Hoboken, NJ **GPA** 3.86/4.0

May 2016

Bachelor in Computer Science, Tianjin University of Technology, Tianjin, China **GPA** 3.26/4.0