Kaitian Li

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Work Authorization: Permanent Residence

OBJECTIVE

To obtain a summer 2020 internship position in the field of Computer Science.

EDUCATION

The University of Texas at Dallas, Richardson, Texas 08/2018-12/2020

Bachelor of Science in Computer Science, **GPA 3.86/4.0**

COMPUTER SKILLS

Programming Language: Java, C, C++, Python, HTML. CSS. JavaScript, Swift, shell

Operating System : UNIX, Linux, Mac OS

Databases : MongoDB, MySQL, InfluxDB

Other Technologies : Spring Boot, Junit5, Apache Maven, Git, Bootstrap, jQuery, Node.js, Postman, Tomcat

INDIVIDUAL PROJECTS

User Verification

- Built a user verification API with **Java** for functions as user sign-up and log-in, connected and analyzed token by follow **Spring MVC framework**
- Implemented the user email verification feature by **Amazon AWS** Simple Email Service and used **Spring Data JPA** to store user information in **MySQL**
- The API service works based on **RESTful** and using **JSON** and **XML** format to enhance the performance

Travel Helper

- Developed a website allows user browse and schedule future travel with **Node.js** as the JavaScript runtime environment
- Designed and implemented the interface with **Bootstrap** and **Angular.js** as the front-end framework and used **MongoDB** to store data like
- Connected User verification API with creating user profile and verify user email and phone number

Currency App

- Built a server-side layout in **Swift** with provided features that includes 166 real time currencies exchange and local weather report.
- Made to improve travel and shopping experience specifically for foreign travelers and ready to upload into Apple app store
- Used **InfluxDB** as database and **Cocoa Touch** framework to created User Interface,

Bookstore Project

- Designed and implemented console app in **Java** for Bookstore with features like shopping and checkout
- Provided interactive internal command line to add, update and remove from **MySQL** database.

COURSE PROJECTS

- **Minimum Spanning tree:** (java) Implemented a minimum spanning tree by Kruskal's algorithm and Disjoint set
- **Liner Probing Hash Table:** (java) A personalized hash table by liner probing. Rehash the size when table is half full
- **Mind Read game:** (MIPS Assemble) Designed and implemented a game that find which number is guessed by user
- **Name List:** (java) A personalizes linked list with feature like automatically sort the input string and create a header
- **External Sort**: **(**java) Implemented a method to sort a large numbers data by not using the main memory to sort

WORK EXPERIENCE

UT Dallas eLearning 08/2018-Present

Teaching Assistants

- Editing, producing and reviewing multimedia materials
- eLearning system maintenance functions