Yuan Tian

206-571-7463 | tianyuancs2022@163.com | www.linkedin.com/in/yuan-tian017 | https://github.com/tianyuanzoe

EDUCATION

Northeastern University   Seattle, WA
Master in Computer Science GPA:4.0/4.0   *Sep. 2022 – expected Dec 2024*
- Courses: Object Oriented Programming, Algorithms, Web Development, Data Structure

Huazhong University of Science and Technology   China
Bachelor in Economics   *Sep. 2017 – June 2021*
- Courses: C++, Python, Java

EXPERIENCE

Product Manager   July 2021 – May 2022
Rantion Technology   *GuangZhou, CN*
- Collaborated with the software development team to develop a user-friendly app that seamlessly integrates with earbuds, demonstrating proficiency in software development and programming languages such as Java,JavaScript
- Contributed to the development of advanced features and ensured robust compatibility with a variety of mobile devices, resulting in a highly-rated app with **1000+ downloads** in google play

PROJECTS

Location-Based Estate Website | *Python,Django, React, PostgreSQL, Restful API*   Sep 2022 – Feb 2023
- Utilized JSX/Styled-Components/Material-UI and React.js to implement the front-end UI design. and built Restful API with Django Rest Framework (DRF) and made requests to the API with React. Website URL:SeattleRental
- Built an Interactive maps with React-Leaflet library to display spatial geographic distance of property listings on a map, and built a PostgreSQL database to make spatial queries with Geodjango and PostGIS
- Implemented JSON Web Token(JWT) user authentication with Djoser library to improve security
- Deployed on Digital Ocean and utilized Pillow to compress images and store media files on Digital Ocean Spaces.

User Management System | *Ant Design Pro,SpringBoot, MyBatis-Plus, Nginx, Docker*   May 2022 – July 2022
- Utilized Ant Design Pro scaffold to set up basic pages and optimize templates for reusability. Customized and refactored umi-request library for global request interception and exception handling
- Developed data access layer using MyBatis-Plus and created custom common operation templates for increased efficiency,writed SQL queries in an object-oriented style, making the code more readable and maintainable
- Implemented custom error code and global exception handler to standardize exception returns,reduced duplication and ensured that all exceptions are handled consistently and correctly
- Implemented JSON formatting with double-checked locking singleton for object reuse and centralized maintenance
- Deployed front-end with Nginx, back-end with Docker, and monitored operations with Baota Linux panel

Backend Library Management System | *SpringBoot,Thymeleaf, JPA, Maven,Git*   Oct 2022 – Nov 2022
- Built a Library backstage management system based on SpringBoot framework,Java Persistence API to realize the basic curd function of books, authors, categories and publishers
- Utilized Thymeleaf for dynamic templates, reducing server pressure from real-time computing and database access
- Adopted Spring MVC model and H2 database for project structure, Utilized Maven for project management, Git for version control, and deployed the repository on Github

Practice Music Notation Project | *GUI,JAVA Swing*   Sep 2022 – Nov 2022
- Implemented gesture recognition classes to optimize and analyze Java/OOP modules to allow users to quickly produce music pages,Utilized Unit test to identify areas for improvement and optimize code performance and speed
- Developed the Graphic User Interface(GUI) in Java Swing to affect the entry and editing of music

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R
Frameworks: React, Node.js,Django, SpringBoot, JUnit,MyBatis-Plus,Material-UI, RestfulAPI
Developer Tools: Maven,Git, Docker, VS Code, Visual Studio,IntelliJ, Eclipse