Shengliang Yu

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EDUCATION

Queens College, City University of New York   Flushing, NY

Date of Graduation: January 2023

Major: Bachelor of Science – Computer Science

COURSEWORK

Object-Oriented Programming in Java Python & C++

Data Structure & Algorithm

Database Systems

Computer Organization & Assembly Language

Software Engineering

Internet and Web Technologies in JavaScript

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, C++

Frameworks: Spring MVC, Spring Boot, MyBatis

Tools: Apache Maven, Eclipse, IntelliJ IDE, Microsoft Office, MySQL, Swagger

EXPERIENCE

OneZeroBeat | Fuzhou, China   October 2020 – January 2021

Software Engineering Intern – Backend Team

A HGUPS app that allows you to create sending, receiving, and storing large amounts of objects (just like UPS)

- Developed backend modules using Java and Spring Boot Framework based on MVC architecture for HGUPS, an international logistics express system.
- Implemented Spring Boot task scheduler to improve efficiency in HGUPS.
- Designed and developed DBTools classes in Java to manage user preference information and provide immediate feedback.
- Revised sorting function interface, waybill history API, and overseas warehouse outbound-related API.
  Led project for HGUPS System, providing a commodity storage platform and user logistics management.
- Implemented Spring Boot task scheduler for HGUPS to ensure efficiency.
- Enhanced data visualization testing by implementing Swagger2 access for HGUPS.

PROJECTS

Desktop Pet | [https://github.com/the1an1722/CS370-GroupProject.git]

For this virtual pet, it not only has the cute side as a pet, but also provides various functions.

- Developed a multifunctional virtual pet application with interactive features and a user-friendly interface.
- Designed constants and centralized management class for image path retrieval and implemented a controller package to load the right-click menu and item window.
- Created FXML source files to set up UI components and appearance.
- Implemented an action generator for initiating and closing interactive actions.
- Integrated a calculator function for on-the-fly calculations within the application.