Lai Wang

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY   Atlanta, GA
Bachelor of Science, Computer Science   Aug. 2019 – May 2023
Information Internetworks, Intelligence Concentration   Major GPA: 4.0/4.0

Relevant Courses: Computer Vision, Database, Machine Learning,
  Computer Architecture, Data Structures, Theory of Algorithms

EXPERIENCE

HONEYWELL INTELLIGRATED LLC.   Mason, OH
Software Engineer Intern   Jan. 2022 – Present
- Developing site-specific machine controls for automatic warehouse execution systems such as IntelliMerge and IntelliSort.using **C++**
- Developing site carton flow control procedures using **Java** and **Hibernate** for data processing and persistence, using **RabbitMQ** for message queuing and brokerage

LIDAR AUTOMOTIVE, GEORGIA TECH VIP PROGRAM   Atlanta, GA
Undergraduate Researcher, with Professor Zhao Ye   Aug. 2021 – Present
- Writing controllers and scripts in **C++** and **Python** for bebop drones, making drones recognize April Tags(QR Code) and following objects.

SERVICESTRONG TECHNOLOGY, LTD.   Harbin, China
Software Engineer Intern   May 2021 – July 2021
- Developed backend modules based on **SpringBoot**, **Mybatis** and **MySQL** for Changchun City metro's electricity maintenance system.
- Implemented high efficiency **SQL** scripts over 40 tables for frequent queries and backup.
- Utilized **Redis** for efficient and reliable cache of huge database.

PROJECTS

CONNECT, A WEBAPP FOR RIDESHARE WITH FRIENDS   Dec. 2021 – Now
Project Member   https://connect.naturecraft.world (W.I.P)
- Used virtual-window technique in **React** & **Vue** to optimize response time for extra-long data.
- Harnessed WebSocket and token in both front/backend, and fulfilled message pushing, dynamic router and on-demand rendering.

SINPLE RESERVATION, A FULLSTACK WEBAPP   Aug. 2021 – Dec. 2021
Project Member   https://github.com/Pullze/Simple_Reservation
- Designed **MySQL** database schema from scratch, implementing access control and multiple views and stored procedures.
- Utilized **React** + **SptingBoot** + **Mybatis**, achieving functions of user management, property management, and admin controls.

ERC. INISTITUTE, A REGENERATIVE LAND USE WEBSITE   Aug. 2020 – Dec. 2021
Project Member   https://github.com/lzheng0212/JD_SLS1105
- Programmed in 20+ modules of components using **JavaScript** in **React** to achieve fully reusable and extendable features.
- Integrated works from both **Firebase** backend and React frontend, meet the functions of posting articles, logging in, and admin control.

SKILLS

Programming Language: Java, Python, C, C++, SQL, JavaScript, HTML
Frameworks/Others: React, NodeJS, Spring Boot, MyBatis, Docker