Lilin Yu

Junior Software Engineer

Strong in design and integration with intuitive problem-solving skills. Proficient in Java, C++, Python, JavaScript, and SQL. Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions.

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EDUCATION

MSc in Software Engineering
University of St Andrews

09/2021 - Present

Courses

- User-Centred Interaction Design
- Software Engineering
- Interactive Software and Hardware
- Software Architecture

BE in Computer Science and Technology
Huaqiao University

09/2016 - 06/2020   *4.4/5.0*

Courses

- Object-oriented Programming
- Data Structure
- Database Application and Development
- Web Program Design

WORK EXPERIENCE

Shanghai HEADING Information Engineering Co.,LTD
Software Engineer

10/2020 - 12/2020

A excellent software development company in China which provides business solutions for commercial circulation, e-commerce and modern logistics.

Achievements/Tasks

- Worked on the quality feedback module of a e-commerce project.
- Designed database and REST API of this module based on the business requirements.
- Implemented desired functions utilising Spring boot, JDBC, PostgreSQL, eureka.

Luckin Coffee Information Technology (Xiamen) Co., LTD
Java Development Intern

07/2019 - 09/2019

Achievements/Tasks

- Designed and developed JavaWeb-based e-commerce system, including a website for customers and a website for administrators.
- Implemented four main business modules (member, product, order and credit) using SSM (Spring, Spring MVC, Mybatis), Spring Security, Bootstrap framework and MySQL.

SKILLS

Java   C++   Python   My SQL/SQL Server
JavaScript   HTML5/CSS3   Spring   React
Figma   Axure   Git

PROJECTS

Numble - University Group Project (03/2022 - 03/2022) ↗

- A web game where users guess math expressions like "Wordle".
- Designed architecture, developed the backend with another teammate using Spring boot, Gradle, Gitlab in the test-driven approach.
- Improved the frontend using React, and deployed this game to AWS Server.

Test String Generation Algorithm for Regex (02/2020 - 05/2020)

- Studied 256 regexes, analysed 7 existing string generation algorithm, and discovered several common mistakes while using regex.
- Implemented a new mutation-based string generation algorithm for regex with better performance.

CERTIFICATES

Foundations: Data, Data, Everywhere (07/2021)
This course is part of the Google Data Analytics Professional Certificate

Foundations of Project Management (04/2021)
This course is part of the Google Project Management: Professional Certificate

LANGUAGES

Chinese
Native or Bilingual Proficiency

English
Professional Working Proficiency

Contanese
Elementary Proficiency

INTERESTS

Algorithm   Digital Products   Guitar
Badminton   Archery