

Shicheng Li

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EDUCATION

King's College London

Candidate for BSc in Computer Science

London, United Kingdom

Exp Grad: May 2025

Classification: First Class Honour Degree (High Distinction Degree)

Relevant Coursework: Computer system, Programming Practice & Applications, Data Structures, Database Systems, Artificial Intelligence, Operating Systems & Concurrency, Robotics, Signals & Systems, Discrete mathematics, Programming Language Design Paradigms

EXPERIENCE

Neusoft

Software Engineering Intern, Development Team

Shenyang China

June 2023 – August 2023

- Gathered project requirements from three stakeholders to align project goals.
- Designed 22 screen layouts for initial concepts and final deployment. Developed 22 initial and final screen designs.
- Developed 14 test suites and 11 pseudocodes for comprehensive unit testing.
- Built a Tkinter-based interface with seven unique screens and integrated five Python backend modules.

Team Task Management Application

Software Development Team, Team Leader

London, United Kingdom

November 2023 – January 2024

- Spearheaded the creation of a team task management system using Django, focusing on user experience and streamlined design.
- Implemented authentication, profile management, and collaborative project tools.
- Developed and integrated a comprehensive suite of automated tests for application reliability.

Autonomous Home Monitoring Robot

London, United Kingdom

December 2023 – January 2024

- Developed autonomous navigation and surveillance capabilities for a home monitoring robot.
- Program med behavior algorithms for specific room navigation and interactive feedback using ROS.
- Integrated YOLO for accurate object detection and a Text-To-Speech system for communication.
- Validated robot functionality through extensive scenario testing with video simulation.

Food Logging Application

Software Development Team, Team Leader

London, United Kingdom

January 2024 – April 2024

- Launched a comprehensive mobile application for dietary tracking, compatible with both iOS and Android devices.
- Accomplished 95% test coverage through the Jest framework, ensuring thorough functionality checks for both the client and server sides.
- Engineered an extensive array of features, including a secure user registration system, personalized profile management, and an interactive food logging mechanism.
- Implemented dietary analytics tools to provide users with insights into their eating habits, complete with visual data representation.
- Integrated engaging gamification to motivate users towards consistent healthy eating practices and goal attainment, boosting user retention and satisfaction.
- Developed a food database capable of recording user entries, facilitating custom food categorization, and supporting database growth over time.

LEADERSHIP EXPERIENCE

HACKLONDON 2024

Development Team, Team Leader

London, United Kingdom

March 2024

- Collaborate with 4 team member to develop a automating pull request Chrome Extension within 24 hours.
- Emphasized teamwork and efficient problem-solving under tight deadlines, ensuring project completion.

KCLTECH Committee

Video Manager

London, United Kingdom

September 2022 – May 2023

- *Focuses on video production for events, ensuring high-quality content and seamless visual presentations.*

SKILLS

Technical: Python, Java, SQL, SCALA, Node.js, JAVASCRIPT, CSS, HTML, ROS, React-Native, Django

Languages: Mandarin (Native), English (Full professional proficiency), French (Elementary proficiency)