

Hu Jiao

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Address: Yutang Street, Dujiangyan City, Chengdu, Sichuan, China

EDUCATION

Chengdu University of Technology & Oxford Brookes University

09/2019-07/2023

Programme: BSc (Hons) Computer Science

Average Score: 2:1

RESEARCH EXPERIENCE

File Encryption Software

04/2023-05/2023

Dev. & FT

- Implemented file encryption using various algorithms
- Allowed users to select encryption methods and files for encryption, resulting in encrypted files

Smart Job Data Web Application

09/2022-05/2023

Project Owner

- Researched existing job websites, discussed with supervisor of goals, requirements & feasibility
- Defined scope (data crawling, cleaning, visualisation, salary prediction and job matching)
- Used Python to scrap data, extracted job information, dealt with various webpage structure & formats
- Mastered database design, operation, and management for effective data storage and retrieval
- Utilized ECharts to create various charts and graphics, showcasing complex data analysis results
- Applied K-means clustering algorithm to predict salary and match job based on user-provided skills & requirements
- Exported 10,000 words project report
- Sharpened data analysis skill & algorithm implementation ability, improved software programming proficiency

Shared-Bike Locking App Development

10/2021-05/2022

Project Member

- Collaborated on user-friendly app design & developing, prevented overcharges from forgotten bike locks
- Contributed to UI/UX discussions, technical architecture, and feature planning
- Developed front-end, including user login, vehicle tracking, locking control, and wallet management
- Enhanced problem-solving, improved mobile app developing proficiency & teamwork dynamics

Debate Forum Web Application

11/2021-01/2022

Full-stack Dev. & FT

- Developed a web app enabling users with different roles (admin and users) to log in
- Delivered features of topic creation, posting arguments, counterarguments & replying to discussions

WORK EXPERIENCE & INTERNSHIP

Western Impression Cultural Tourism Co., Ltd.

IT Operation Specialist

08/2023 - Present

- Focus on account maintenance and system permission adjustment
- Maintain functions and performance, backup data and other info, clean up logs and archives
- Update system and software, identify bugs and debug

Sichuan Hwadee Information Technology Co., Ltd.

09/2022-09/2023

Tester

- Contributed as a tester in developing the Smart Campus Service Platform based on JavaEE technology
- Ensured platform functionality and quality met expectations
- Grasped software testing phase from test planning, TM design and execution

- Conducted FT, PT & UI testing to ensure high coding quality
- Accumulated coding & testing experiences, collaboration skills & communication ability

EXTRA-CURRICULAR ACTIVITIES

Project Member

10/2019-06/2020

- Collaborated in team projects spanning diverse fields, including web and mobile applications
- Gained practical experience, improved teamwork, cultivated project management skills

OTHER INFORMATION

IT Skills

- Familiar with the use of MySQL database, skilled in writing SQL statements
- Knowledge of commonly used programming languages (Python, Java, C++, C)
- Understanding of machine learning related algorithms (decision tree, logistic regression, SVM, etc.)
- Mastery of HTML, CSS, JavaScript, Ajax, JQuery, Vue and other front-end development technologies
- Skilled in the use of Idea, Maven, Git and other development tools
- Master the use of Spring, SpringMVC, Mybatis, SpringBoot framework