

# Jing Ren

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## Work Experience

### Tesla

Shanghai, China

#### Software Engineer in Test

Apr 2021 - Sep 2022

- Developed a comprehensive automation framework and implemented mock servers as part of the infrastructure, enabling efficient and reliable automated testing on web and mobile applications. (Covered 6 projects including domains such as financial service and tax service).
- Collaborated with cross-functional teams to improve efficiency and site reliability through innovative automation testing. Integrated it with the existing CI/CD process and generated regular testing reports, with automation testing coverage reaching 83%.
- Skills:** Java, Appium, Selenium, Spring Boot, JDBC, Hibernate, BDD, Cucumber, SQL, E2E/API/UI Test Automation, Mock server, Git.

### eBay

Shanghai, China

#### Quality Assurance Engineer

Oct 2020 - Apr 2021

- Prioritized tasks and effectively managed timelines to deliver projects within designated time frames, improving test efficiency and reliability. Developed UI and API automation frameworks, ensuring streamlined and efficient testing processes.
- Conducted security testing using OWASP ZAP / Burp Suite to identify malicious code and address vulnerabilities before each release. Performed performance testing using JMeter to analyze system performance and ensure scalability and responsiveness.
- Skills:** Python, Pytest, Allure, MySQL, JMeter for Performance Testing, Postman, OWASP ZAP / Burp Suite for Security Testing, Splunk.

### TrueCommerce

Shanghai, China

#### Senior Quality Assurance Engineer

Oct 2017 - Oct 2020

- Optimized methods and standards to enhance testing effectiveness while serving as a QA team lead. Played a key role in driving the adoption of automation testing practices, resulting in improved test coverage, faster feedback cycles, and reduced time-to-market for software releases.
- Skills:** Leadership, Time Management, Project Management.

### TrueCommerce

Shanghai, China

#### Quality Assurance Engineer

Oct 2016 - Oct 2017

- Contributed to the quality assurance efforts of app development projects, ensuring adherence to standards and identifying and resolving issues.
- Skills:** Test Planning, Test Cases, Agile Methodology, QA Methodology, Project Management.

## Projects

### Interactive System Design Project

London, UK

#### Queen Mary University of London

Feb 2023 - Apr 2023

- Led the designing efforts for an interactive system design project aimed at enhancing communication for stroke patients.
- Worked closely with team to provide feedback on usability and accessibility improvements, ensuring a seamless user experience.
- Skills:** Leadership, UI/UX Design, Figma.

### Loan Prediction Project

London, UK

#### Queen Mary University of London

Apr 2023 - Jul 2023

- Designed and developed a user interface that allows users to input loan data and receive predictions with clear visualization of results.
- Implemented secure API endpoints, ensuring data confidentiality and integrity throughout the loan prediction process.
- Developed a sophisticated combined model, incorporating neural networks, XGBoost, and SVM, to accurately predict loan approval or denial.
- Skills:** JavaScript, React.js, Python, Flask.

## Education

### Queen Mary University of London

London, UK

#### MSc in Computer Science

Sept 2022 - Current

- Predicted Distinction:** Weighted Average Grade: 81%
- Courses:** Functional Programming, Security and Authentication, Interactive System Design, Distributed Systems, Machine Learning etc.

### Nanjing Forestry University

Nanjing, China

#### Bachelor in Information and Computing Science (Mathematics)

Sept 2009 - Jul 2013

- Outstanding graduate

## Extra-curricular Activities or Qualifications

- 2023 **Software Engineering**, Virtual work experience from Forage
- 2021 **Hackathon**, Led the team and achieved Third Prize
- 2021 **PMP Certificate**, Project Management Professional

J.P. Morgan

Tesla

PMI