

Krish Shah



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I am an avid programmer on the course for a First-Class Honours Degree in BSc Computer Science with Management (ITMB) at the Queen Mary University of London. I am highly motivated to learn new programming languages and frameworks within software and web development. Possessing a multilingual ability, with fluency in Hindi, Chinese and English, it makes me a strong communicator with culturally distinct individuals. I visualise myself as a strong marketer, focused manager and an adept software developer within 5 years.

Education

Taipei European School

Aug 2018 - Sep 2022

- IGCSEs: *Mathematics (A*), Computer Science (A*), ICT (A*), Economics (A), English (A), Chinese (A*)*.
- IB (Total 43/45 points): *Mathematics (7), Computer Science (7), Business Management (7) at Higher Level*.

Queen Mary University of London

Sep 2022 - Present

- Bachelor's Of Science (BSc) in Computer Science with Management (ITMB): *Predicted 1:1*
- Coursework: *Procedural Programming | OOP | Computer Systems & Networks | Web Technology | Database Systems | Software Engineering | Project Risk Management | Information Systems | Economics | Financial Accounting | Business Modelling | Marketing*.

Work Experience

OOP Demonstrator | Queen Mary University of London | London, UK

Jan 2023 - Jun 2023

- Responsible for marking OOP coding exercises, quizzes and a final horse race GUI project.
- Explained OOP concepts of abstraction, encapsulation, polymorphism and inheritance to students.

Technology Consultant | Aniraj Exports | Mumbai, India

Jun 2022 - Oct 2022

- Developed and implemented a data scraping algorithm using python to extract and format raw sales data from the Kohinoor accounting software to a processed csv file, improving data handling and readability.
- Processed raw data to produce graphs using matplotlib and pandas, creating break-even analysis charts for risk management.
- Gained more insight into diamond, jewellery and the import/export industry.

Top Projects

Employee Timesheet Portal | FDM Group | React JS | Python Flask | MySQL | APIs

Feb 2023 - May 2024

- Developed a full-stack timesheets website, with a team, for FDM consultants to track & manage salary payments.
- Led and managed the front-end team, ideating and developing designs as per client requirements, with high usability and accessibility.
- Achieved the best prototype presentation out of 50+ groups.

Accounting & Stock Management System | Aniraj Exports | Python (PyQt)

Aug 2021 - Apr 2022

- Developed a custom GUI using PyQt & QtDesigner for the accounting interface, increasing transaction input accuracy by up to 90%.
- Implemented web scraping using the python bs4 library to accumulate exchange rates from Xe for accurate currency conversion.
- Improved data handling and storage by formatting product details into csv files, to be accessed directly from the GUI.

Certifications

Software Engineering Virtual Experience Program | Goldman Sachs

Sep 2024

- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
- Identified that the company was using an outdated MD5 password hashing algorithm by cracking passwords using Hashcat.
- Wrote a memo for my supervisor summarizing a range of proposed uplifts to increase the company's level of password protection including changes in their password policy, password salting, key stretching, MFA, and using the bcrypt hashing algorithm.

Web Development Job Simulation | Moreton Bay Regional Council Entrepreneurship & Innovation

Sep 2023

- Completed a job simulation involving website planning and creation.
- Created a sitemap and userflow using a diagram creation tool, thereby creating a simple landing page frontend using HTML/CSS.

Skills

Programming Skills / IDEs: Python | Java | HTML | CSS | React JS | PHP | Django | SQL | VSCode | IntelliJ | GitHub | Visual Paradigm

Other Technical Skills: Microsoft Products (*PowerPoint, Excel, Word, Outlook, Teams*) | Google Products (*Slides, Sheets, Docs, Forms, Mail*)

Soft Skills: Multilingual (Chinese, Hindi, English fluency) | Problem-solving | Time Management | Organisation | Teamwork | Critical Thinking