

# SHORYA SINHA

Mile End, East London, UK ◇ shoryaoct20@gmail.com ◇ github.com/shorya20

## EDUCATION

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### Queen Mary University of London - Russell Group

*B.Sc in Computer Science, Graduating 2023*

September 2020 - Present

*London, UK*

Projected 1st Honours - Overall 1st year 80%+

### GEMS Cambridge Intl.School

*GCSE, A.S & A-levels*

June 2013-June 2018

*Abu Dhabi, UAE*

## PROJECTS

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### FDM Group - Employee Wellbeing

*ReactJS, Firebase, HTML*

September 2021-March 2022

*Team Leader*

- Worked with 6 other students to design an industry-standard wellbeing web-application for FDM Group using SDLC phases
- Designed and implemented the UI Layout and functionality of the authentication section of the web-application aimed towards employees and counsellors. Solved key problems regarding identification of user requirements.
- Built a fitness tracker, a dedicated interactive chatbot and a nearest-finder counsellor-booking system using ReactJS and Google Maps API.

### Live-feed Weather Application

*ReactJS, Bootstrap, jQuery*

September 2021-March 2022

*Team Leader*

- Collaborated with 2 team members and took the leadership role in establishing the model to implement. Prepared and enhanced Front-end skills given the short timeframe by quickly learning ReactJS/Bootstrap and improvising on every front with extra implemented features [https://shorya20.github.io/weather\\_app/](https://shorya20.github.io/weather_app/)

## CERTIFICATIONS

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### Machine Learning

*Coursera - Stanford certificate*

July 2021

- Completed the Machine Learning online course offered by Stanford. This course allowed me to:
  - Learn, and apply algorithms such as Linear regression, Gradient descent and Logistic regression on numerous Unsupervised and Supervised algorithms respectively (tools used: MATLAB)
  - Utilized optimization techniques such as K-means clustering for Supervised Learning algorithms and Forward/Backward propagation on Neural Networks

### JPMorgan Chase & Co.

*Software Engineer Virtual Experience certificate*

July 2021

- Fixed an interface issue between the client and the server programs, allowing the backend programs to create a datafeed monitor for the client
- Solved a given task to fix a client-side web application to visually showcase automated updates of the changes in the datafeed from the server utilizing JPMorgan's Perspective framework/tool

## TECHNICAL SKILLS

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### Languages & Tools

### Topics Covered

Java, MySQL, ReactJS, Python, HTML5

Algorithms & Data structures, JUnit4/5 testing, UML, Object-Oriented programming,

Operating Systems and Hardware, Software Eng. concepts  
Database Systems, Internet Protocols and Networks