

Nehaal Khandwalla

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EDUCATION

Queen Mary University of London

MSci Computer Science

London, UK

Sep. 2021 – present

EXPERIENCE

Computer Science Demonstrator

Queen Mary University of London

Sep. 2022 – Present

London, UK

- Communicate with staff to find areas of increased focus needed for students in younger years
- Assist students in younger years with their understanding of module content in lab sessions
- Grade assignments completed by students for the module

Data Analytics Summer Intern

Infosys Technologies

June 2023 – August 2023

Canary Wharf, UK

- Developed a Python script to generate and transfer synthetic data into Google Cloud Platform
- Performed reconciliation on this data using Python

Floorwalker

Ashford Hospital

May 2019 – July 2019

Ashford, UK

- Engaged in 4 days of intensive training for the Cerner Millennium EPR system
- Supported NHS staff with the transition from paper records to this EPR system

PROJECTS

Timesheets | *Javascript, PHP, HTML, CSS*

Jan. 2023 - Apr. 2023

- Developed a full-stack web application to model the working of timesheets in a corporate setting
- Engaged in fortnightly meetings with a representative of FDM as the client to perform requirements elicitation

Weather App | *React, CSS*

Feb. 2023 - Mar. 2023

- Developed a functioning weather application using the OpenWeatherApp API
- Designed a user friendly and pertinent GUI with an animated background that represents the current weather condition for a given location

Tilaawah | *Python, Flask, React Native, Supabase, Git, GCP*

Sep. 2023 – present

- Developed a mobile application to help users memorise and recite the Qur'an
- Leveraged the opensource Tarteel.ai API from HuggingFace
- Created a backend server using flask, deployed on Google App Engine
- Implemented colour-coded transcriptions, determined by the correctness of real time user recitation

TECHNICAL SKILLS

Languages: Java, Python, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: React, Flask

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ

Libraries: pandas, NumPy, Matplotlib, transformers