Linta Rahman

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EDUCATION

MEng Computer Science | University College London (UCL) | 2020 – 2024 | Grade 2:1

Post-16 Education | Mulberry School for Girls | A-Levels 2020

- Mathematics A* | Chemistry A* | Bengali A* | English Literature A
- Edexcel Advanced Extension Award (AEA) Mathematics Merit

Secondary Education | Madani Girls School | GCSEs 2018

- GCSE grades: 9 9 8 8 7-7 6 6 A* A* A

EXPERIENCES

Work Experience | Tata Consultancy Services *June 2019*

- Won second place out of 30 teams in hackathon at Tata Consultancy Services by working with two other colleagues, to design technology for some common challenges faced in society.
- Created the design for an app as part of the hackathon to help tackle loneliness faced amongst the elderly, by pairing them with volunteers around the community.

PROJECTS

Speech to text translator | *Python, VS Code* *March 2022*

- First place winner out of 30 students in the UCL Coding Curriculum Hackathon judged by the Alan Turing institute, aimed at designing technology to inspire students towards computer science.
- Coded a translator engine in Python using GoogleTrans and gTTs libraries.
- A translator program giving an introduction to NLPs with a practical outlook, as it can be run by students using a few simple installations.
- Speech to Text Translator created as part of tutorial package to be used by the Schools Outreach Programme by UCL.

PRIDAR Chatbot for IXN NHS | *HTML, CSS, JavaScript, VS Code, Git*

- Developed the website for the project using HTML, CSS and JavaScript.
- Consulted with client from NHS about requirements and expectations for project.
- Chatbot intended to aid the communication between clinicians and software engineers, to help answer developers' questions about application and deployment of AI software in the NHS.
- Deployed on Telegram, the PRIDAR Chatbot remains a scalable application that can be deployed in other applications, e.g. Microsoft Teams, and expanded further by extending its database.

API for the London Railway Network | *Python, Jupyter Notebook*

- Created an API in Python for the London Railway Network, implementing Breadth First Search and Dijkstra algorithm to find the minimum number of stops and compute the shortest route between two places respectively.

HTML Parser | *C, Haskell, HTML, VS Code*

- Implemented a HTML parser in both C and Haskell, checking for valid tags, syntax and structure.
- Compared the benefits and highlighted the differences of developing the same program between procedural and functional languages.

TECHNICAL SKILLS

Coding Languages: Python(High), Java(Intermediate), HTML(Intermediate), C(Intermediate), Haskell(Low), JavaScript(Low).

Developer Tools: VS Code, IntelliJ, Git, Docker

LEADERSHIP AND ACHIEVEMENTS

- Recipient of Avanade Scholarship Award until completion of course.
- Nominated as spotlight for International Women in Engineering Day at UCL
- Nominated Head Girl in secondary school and Prefect in sixth form, I took lead as student ambassador in various events in my institution.