

Jayati Sarkar

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WORK EXPERIENCE

SUMMER INTERN, VICTORY FALCON ELECTRONICS TRADING; DUBAI, UAE SUMMER 2016
Worked with software developers to understand the processes involved in development of Hospital Information Systems and data management using MSSQL Enterprise Database.

SUMMER INTERN, SAP; DUBAI, UAE SUMMER 2014
Worked under a team of trained officials for the overall introduction to SAP ERP as well as detailed training in the Sales and Distribution Module.

EDUCATION

IMPERIAL COLLEGE LONDON, UK — COMPUTING (MENG) 2016 - 2020
First year modules: Programming (Haskell, Java & C), Hardware, Logic, Discrete Mathematics,

Mathematical Methods, Architecture, Databases, Reasoning about Programs, Ethics in Computing

GEMS MODERN ACADEMY; DUBAI, UAE 2012 - 2016

- ISC Board Examinations - 97.5
Computer Science, Mathematics, Chemistry, Physics, English
- ICSE Board Examinations - 97
Computer Applications, Mathematics, Science, Social Studies, English, Hindi

SKILLS

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- Experience in creating webpages using HTML and CSS
 - Experience in data analysis and database management using SQL
 - Experience in development of Android apps using Android Studio
 - Basic understanding of the fundamentals of JavaScript and Python

VOLUNTEERING AND ACHIEVEMENTS

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- In a team of 4, created a website exploring the application of artificial intelligence in healthcare and was awarded the 'Most Outstanding Group Project in Topics in Computing'
 - Completed an ARM11 emulator and assembler project in C on a Raspberry Pi
 - Awarded an Entrance Scholarship by the university based on the quality of the UCAS application and good examination results
 - Awarded the 'KS Varkey Merit Scholarship', a 50% scholarship, for last two years of high school
 - Awarded the 'Best Sportsperson Award' in the last year of high school
 - Implemented a media player using javaFX as an independent summer project in 2015
 - Organised collection drives to help the victims that suffered due to the flash floods in the Indian state of Jammu and Kashmir
 - Volunteered at Sugghosh India, a non-government organisation, by spending time with a group of elderly illiterate women and teaching them how to read and write in English
 - Initiated a recycling drive in the neighbourhood, with the help of Tadweer Waste Management, to make people aware about house hold waste collection
 - Captain of the girls' cricket team and secured 'Player of the Series' certificates in tournaments
 - Captain of the girls' basketball team and obtained Certificate of Excellence in various inter-school tournaments
 - Head of the School Sports Council and organised all sports events taking place at school
 - Member of the School Cultural Society and helped organise and participate in events