Khilan Kamlesh

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PROFILE

A resilient and motivated student studying BSc Computer Science at the University of Birmingham looking to provide real world software solutions. Proficient in a range of programming languages and software systems with a keen mind, quick at grasping and adapting to new concepts.

EDUCATION

University of Birmingham, UK   **Sept 2021 - Jun 2025**
BSc Computer Science with a Year in Industry
- Modules include: Object Oriented Programming, Data Structures & Algorithms, Full Stack Application Development, Software Engineering & Professional Practices, etc.
- Undertook programming projects as part of modules Object Oriented Programming and Full Stack Application Development to showcase skill & competency, attaining First.
- Achieved an average of 2:1 in Year 1

Loughborough College   **Sept 2019 – Jun 2021**
Subjects: A-Level Computer Science, Mathematics, Physics
- Grades: A*, A*, A
- Outstanding Student of the Year for A-Level Physics

Rushey Mead Academy   **Aug 2014 – Jun 2019**
GCSEs: 10 GCSEs including Maths, English Language/Literature, Computer Science, Triple Sciences, Geography, Religious Education
- Grades 9-5: two 9's in Mathematics and Physics, four 8's in Computer Science, Biology, Chemistry & Geography
- Sports Leaders UK Level 1 Qualification in Sports Leadership

EXPERIENCE

Neovia Logistics   **June 2021 – Aug 2021**
Warehouse Operative
Logistics company providing storage and transportation solutions to leading companies in the aerospace, automotive and technology sectors.

- Handled packing and labelling car parts for Jaguar Land Rover, operating under strict time windows
- Logged scheduled tasks carried out throughout a shift, often surpassing requirements
- Supported team members in meeting weekly quotas to maximise team efficiency and output
- Adapted to day-to-day role changes and task requirements, quickly picking up specialised tools used in different roles

Rushey Mead Academy   **Aug 2017 – July 2018**
Maths Ambassador/Tutor
- Educated KS3 students struggling to understand key material, providing early intervention and support on a weekly basis
- Exceeded expected test results, with an average improvement of 20 marks or 2 grade levels
- Aided in exam preparation to students learning GCSE content, advising on revision methods and techniques in one-on-one tutoring sessions

PROJECTS

Gym Progress Tracker
- Conceptualised and designed Python application to store statistics in a database and perform queries on the data to generate graphs.
- Built GUI using PyQt5, linking to the database implemented in PostgreSQL and generated graphs using matplotlib.

Music Client-Server Database
- Built a Java multi client-server application using the TCP protocol, performing queries on the database and returning the result to the client
- Implemented socket programming and connected database in PostgreSQL with the JDBC driver.

Colossal Adventure Game
- Built a Java text-based game, using HashMaps and advanced object oriented concepts such as interfaces.

EXTRA-CURRICULAR ACHIEVEMENTS

STEM Club – Loughborough College   **Dec 2019 - July 2020**
- Coordinated in teams to plan and produce remote-controlled robots powered by servo motors
- Developed skills in Python, controlling LEDs and motors as well as utilisation of the Linux command line used in Raspberry Pi's

National Citizen Service (NCS)   **June 2019 – July 2019**
- 4-week programme connecting with new people, taking on challenges and making a positive impact in the local community
- Proposed and led ideas within the team of fundraising strategies for a social action project including managing a charity dinner & dance

SKILLS AND INTERESTS

Languages: Native English, Intermediate verbal comprehension in Gujarati
IT Skills: Experienced in Python and confident with Java, SQL, HTML/CSS.
             Navigation of Linux command line.
             Well versed in Microsoft Word, Excel, PowerPoint
Interests: Working out at the gym daily and playing seven-a-side football with friends.