

SUSHANT JASRA KUMAR

Mobile: 07898586309 | Email: sjk@student.le.ac.uk

LE4 3GQ, Leicester | LinkedIn: <https://www.linkedin.com/in/sushant-jasra/>

Github: <https://github.com/sushant1203>

PROFILE

A motivated Computer Science undergraduate (graduating 2026), with a strong foundation in analytical thinking and a developing passion for research advanced through academic projects and scientific reporting. Cultivated excellent communication, teamwork, and interpersonal skills, including an empathetic approach, through diverse practical experiences such as peer mentoring, conducting interviews for video production, and customer-facing roles. Eager to apply these skills by contributing to impactful studies on empathy in healthcare and develop practical experience in qualitative and mixed-methods research.

KEY SKILLS

Operating Systems: MacOS, Windows, Linux, Android and iOS

Frontend and Backend: Python, Java, SQL, Shell Script, Javascript, HTML5 and CSS3

DevOps and Database: Git, Github, Gitlab, MySQL, PostgreSQL, MongoDB and Microsoft SQL Server

Development tools and IDEs: Microsoft VSC, Android Studio, IntelliJ IDEA, and Pencil (UI Prototyping)

Mechanical Design Softwares: Autodesk Inventor, AutoCAD, Solidworks, PTC Creo and MATLAB

EDUCATION

Computer Science BSc | University of Leicester, Leicester, UK | Sept.2023 - June 2026 | Predicted 1:1

Modules:

1. Communication and Professional Practice

- Project management
- Software Engineering Group Project
- Requirements for Engineering and Professional Practice

2. Programming and Software Development

- Data analytics
- Programming Fundamentals
- Object Oriented Programming
- User Interface Design & Evaluation
- Algorithms & Data Structures & Advanced Programming

3. Systems and Architecture

- Computer Architecture
- Operating System and Networks
- Databases and Domain Modelling
- Software Architecture and System Development I
- Software Architecture and System Development II

4. Theoretical Foundations

- Computing Fundamentals
- Mathematics Fundamentals
- Foundation of Computation

Projects: Available in the Tech Portfolio

Foundation Year: Engineering & Technology | GSC University of Leicester | Sept.2022 – June 2023
Modules: Mathematics for Engineering, Mechanics, Physics, Academic English Skills.
Scientific Reports: Resistivity, Snell's Law, Specific Heat Capacity, Photoelectric effect, Downforce.
Case Study: Analyzing the advantages, disadvantages and limitations of Numerical Methods in solving the Root Finding Problem.

Projects: Available in the Tech Portfolio

Mechanical Engineering | ITIS Leonardo Da Vinci, Carpi, Italy | September 2016 - June 2021
Diploma di Esame di Stato (Level 3 BTEC) – Grade: 80/100
Modules: Mechanics, Mathematics, Computer Science, English, Design Project, Material science, Automation, Italian.
Project, design and development of:

- 3D printing of a conical gearbox from scratch
- A downhill racer
- A car converting solar energy into electrical energy

WORK EXPERIENCE

Let's do Leicester Activator | University of Leicester, UK | Jan 2024 – Sept. 2024

Service Assistant | Screwfix UK, Leicester, UK | Sept.2023 - Dec.2023

Store Assistant | Lidl GB, Leicester, UK | May 2022 - August 2022

Store Manager | T.K. Market, Correggio, Italy | March 2018 - December 2021

INTERSHIPS

Video Content Producer (Micro-Internship) | University of Leicester, UK | Nov.2022 - Dec.2022

CNC operator/programmer (Internship) | Vimi Fasteners, Novellara, Italy | Feb. 2021 – March 2021

VOLUNTEERING

Hindu Society's Sanskaar Coordinator | University of Leicester, UK | Sept. 2024 - May 2025

Peer Mentor | University of Leicester, UK | Sept. 2024 – Feb.2025

Library Champions Volunteer | University of Leicester, UK | Sept. 2023 - June 2024

AWARDS & CERTIFICATIONS

Build Your First Chatbot by IBM Certification, in collaboration with the University of Leicester

Gold Certificate of Achievement, as Library Champions Volunteer at the University of Leicester.

Distinction Accreditation, as a Peer Mentor at the University of Leicester.

Employee of Week 42, as Service Assistant at Screwfix UK.

PERSONAL SKILLS

Languages: English (Advanced), Italian (Native), Hindi (Native), Punjabi (Native), German (Beginner).

Tech Portfolio: <https://github.com/sushant1203>

References available on request