

Siddharth Sharma

Email: siddharth.sharma.8000@gmail.com | Telephone: +44 7341632482 | LinkedIn: [siddharth-sharma-19a059b4/](#)

Work Authorisation: UK and India

EDUCATION

Heriot-Watt University

2022- 2023

MSc in Artificial Intelligence (2:1)

Edinburgh, UK

Key Learnings: Proficient in genetic algorithms, behaviour-based and evolutionary robotics, multi-layered ANNs, and conversational agent design.

Final Thesis: Arion Bright - The Elder Scrolls V: Skyrim Conversational Agent (Prompt Engineering, Chat-bot, Voice Interaction)

Narsee Monjee Institute of Management Studies

2014- 2018

(SVKM-NMIMS), MPSTME

BTech. Computer Engineering (2:1)

Mumbai, India

Key Learnings: Foundational knowledge in AI, data structures algorithm design, computer architecture, software engineering, and object-oriented programming.

TECHNICAL SKILLS

Programming Languages: Python, C, C++, Java, C#, .NET, SQL, NoSQL, Apex, Visualforce, Lightning, JavaScript, HTML, CSS, XML.

Platforms, Tools, and Software: Salesforce, Unity3D, Unreal Engine, Android Studio, Visual Studio, MongoDB, MySQL, Linux, Windows, VS Code, MATLAB, MS Office Suite, Google Sheets.

Methodologies: Machine Learning, Deep Learning, Computer Vision, OpenCV, GANs, Genetic Algorithms, Neural Networks, Robotics, Game Programming and Design, OOPs, Software Engineering, Data Structures and Algorithms Design.

WORK EXPERIENCE

The Honest Company.

Position: ML Programmer (Remote)

- Developed a DM-ML project for plant disease detection, maintaining 95-98% detection accuracy.
- Developed the backend, admin panel, interface, and APIs for connecting ML algorithms and databases.

Jan 2024 - Present

Edinburgh, UK

SRKMG Pvt. Ltd.

Position: Senior Engineer (Remote)

- Developed and implemented integrated work processes to enhance efficiency and project management.

Sept 2019 - June 2021

Jaipur, India

IRT Digital Analytics Solutions Pvt. Ltd.

Position: Associate Consultant

- Upgrade from Classic to Lightning as a lone Salesforce developer to optimize UI/UX and achieve a 15% improvement in productivity.
- Improved client order tracking solutions with complete support for Apex, Visualforce, and Lightning.
- Created prototypes for "Zomato, India" and "Bira, India," which aided in gaining their business.

July 2018 - Aug 2019

Mumbai, India

Apiiro, Wipro Technologies

Position: Software Development Intern

- Created a recruitment web application using Salesforce, learned project management and software development.

June 2017 - July 2017

Jaipur, India

Other Experience:

Costrophine Hotel Group (Full-time)

Position: Hospitality Officer

- Streamlined multi-location hotel operations by managing reservations, room allocation, guest inquiries, and troubleshooting, optimizing daily operations with efficient scheduling plans.

Aug 2024 - Present

Edinburgh, UK

Pizza Hut (Full-time)

Position: CDP (F&B Production)

- Efficiently handled high-volume kitchen operations, delivering orders on time and maintaining customer satisfaction in a fast-paced setting.

Oct 2023 - Aug 2024

Edinburgh, UK

Sherpa Cleans (Part-time)

Position: Supervisor and Technical Head

- Led 20-person team, streamlined scheduling with Excel, doubled efficiency with G-Drive invoicing, reduced errors by 30% with user manual.

June 2023 - Aug 2023

Edinburgh, UK

PROJECTS

Arion Bright - Conversational Agent, Heriot-Watt University

- Developed an expert CA (98% accuracy) for "Skyrim" featuring natural dialogues, voice, and text interactions.

May 2023 - Aug 2023

3D Parkour Game Design - Joe's Adventure, Heriot-Watt University

- Created a 3D parkour game using Unity3D, encompassing gameplay mechanics, level design, and UI/UX enhancements.

Jan 2023 - May 2023

Robot Simulation, Heriot-Watt University

- Implemented behaviours-based and ER approaches in Python to control a simulated e-puck robot, exploring advanced robotic control methodologies.

Aug 2022 - Dec 2022

Breast Cancer Detection Model, Heriot-Watt University

- Developed a multilayer ANM in Python utilising TF for exact breast cancer classification, with 95% accuracy, applying deep learning techniques to medical diagnostics.

Sept 2022 - Dec 2022

Dustbuster: A vacuum cleaning Bot, NMIMS University

- Engineered an automated vacuum cleaning bot, with a published paper detailing its design and implementation.

Aug 2017 - Apr 2018

Pharmacy Management System, NMIMS University

- Created a comprehensive pharmacy management application using C# and MySQL, incorporating login authentication, order tracking, and efficient inventory management functionalities.

Jan 2017 - May 2017