

Siddharth Sharma

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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

(SVKM-NMIMS), MPSTME

2014- 2018

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.

Jan 2024 - Present

Position: ML Programmer (Remote)

Edinburgh, UK

- 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.

SRKMG Pvt. Ltd.

Sept 2019 - June 2021

Position: Senior Engineer (Remote)

Jaipur, India

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

IRT Digital Analytics Solutions Pvt. Ltd.

July 2018 – Aug 2019

Position: Associate Consultant

Mumbai, India

- 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.

Appiro, Wipro Technologies

June 2017 – July 2017

Position: Software Development Intern

Jaipur, India

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

Other Experience:

Costrophine Hotel Group (Full-time)

Aug 2024 - Present

Position: Hospitality Officer

Edinburgh, UK

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

Pizza Hut (Full-time)

Oct 2023 – August 2024

Position: CDP (F&B Production)

Edinburgh, UK

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

Sherpa Cleans (Part-time)

June 2023 - August 2023

Position: Supervisor and Technical Head

Edinburgh, UK

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

PROJECTS

Arion Bright - Conversational Agent, Heriot-Watt University

May 2023 - August 2023

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

Breast Cancer Detection Model, Heriot-Watt University

Sept 2022 - Dec 2022

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