**Siddharth Sharma**



**Email:** siddharth.sharma.8000@gmail.com | Telephone: +44 7341632482 | LinkedIn: [siddharth-sharma-19a059b4/](https://www.linkedin.com/in/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**

**(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.