Siddharth Sharma

Email: siddharth.sharma.8000@gmail.com | Telephone: +44 7341632482 | LinkedIn: siddharth-sharma-19a059b4/
Work Authorisation: UK and India

WORK EXPERIENCE

The Honest Company.   **Jan 2024 - Present**
Position: ML Programmer   *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   *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*
- Lead Support and developer for East-West Seeds overseeing order tracking and inventory management systems.
- Upgrade from Classic to Lightning as a lone Salesforce developer to optimise 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 for job seekers and recruiters, learned project management and software development.

EDUCATION

Heriot-Watt University   **2022- 2023**
MSc in Artificial Intelligence (2:1)   *Edinburgh, UK*
Key Learnings: Gained proficiency in genetic algorithms, behaviour-based and evolutionary robotics, multi-layered Artificial Neural Networks, and conversational agent design.

Narsee Monjee Institute of Management Studies (SVKM-NMIMS), MPSTME   **2014- 2018**
BTech. Computer Engineering (2:1)   *Mumbai, India*
Key Learnings: Developed 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.

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 with two distinct personalities.

3D Parkour Game Design - Joe's Adventure, Heriot-Watt University   **Jan 2023 - May 2023**
- Designed and developed a 3D parkour game using Unity3D, encompassing gameplay mechanics, level design, and UI/UX enhancements in addition to playtesting the game.

Breast Cancer Detection Model, Heriot-Watt University   **Sept 2022 - Dec 2022**
- Developed a multilayer ANN in Python utilising TF for exact breast cancer classification, with 95% accuracy, applying deep learning techniques to medical diagnostics.

Dustbuster: A vacuum cleaning Bot, NMIMS University   **Aug 2017 - Apr 2018**
- Engineered an automated vacuum cleaning bot, with a published paper detailing its design and implementation.

Pharmacy Management System, NMIMS University   **Jan 2017 - May 2017**
- Created a comprehensive pharmacy management application using C# and MySQL, incorporating login authentication, order tracking, and efficient inventory management functionalities.