

# SIMRAN SWARAJ

12th Glebe Road, West Bridgford, Nottingham, NG2 6DS| +447879974353

|[simranswaraj29@gmail.com](mailto:simranswaraj29@gmail.com) | <https://www.linkedin.com/in/simranswaraj/> |

<https://github.com/simranswaraj>

To work in a firm with professional work driven environment where I can utilize and apply my knowledge and skills which would enable me as an engineer to grow and learn while fulfilling organizational goals.

## **EDUCATION:**

- **MASTERS:** Nottingham Trent University, United Kingdom - MSc Computer Science. [2021-2022]
- **BACHELORS:** Ramgarh Engineering College, Jharkhand, India - B.Tech Computer Science Engineering with First Class. [2015-2019]

## **TECHNICAL SKILLS:**

Python, C++, C, MySQL, MS Excel, Artificial Intelligence, HTML, CSS, openCV, Machine Learning tools(Pandas, Keras, NumPy, KNN, KMeans), Devops tools(Git, Docker, Jenkins, Kubernetes), Computer Networks

## **WORK EXPERIENCE**

- Amazon - Fulfillment Associate, EMA1, UK (Oct 2021- Jan 2022)
- Chegg, India - Subject Matter Expert, India (Sept 2020- Jun 2021)

## **PROJECTS:**

- SVM : Using support vector machine model in learning the reviews count of any company.
- Emotion Recognition : A model to detect different facial expressions using machine learning tools like keras, pandas, CNN, openCV and Python.
- Brain Tumor Detection : Research project on improving the accuracy of the model and detecting a tumor or not by using machine learning algorithms.
- Android Development : creating a To-Do-List app using Kotlin.

- Software Applications Intergrations using Web services : creating and calling api for stock markets including selling,buying and comparisons of stocks.
- Chat Application : creating a chat application using C++.

### **INTERNSHIPS:**

- CDAC (Centre for Development and Advanced Computing),India - Trained on C,C++ languages for 90 days.Here I applied my learning on oops and data structures.[2016]
- ICETL,Pvt Limited,India- Trained on machine learning and artificial intelligence for 60 days.[2018]

### **CERTIFICATIONS:**

- Arduino Robotics (IIT Kanpur & NIT Jamshedpur) [2016]
- Autonomous Robots: Kalman Filters from Udemy [2020]
- PID Controllers from Udemy [2020]
- Python from Udemy [2021]
- HTML,CSS from Udemy [2021]
- CNSS (certified network security specialist) from ICSI [2021]
- Devops Engineer from Linkedin learning [2022]

### **ACHIEVEMENTS:**

- Hacktoberfest 2021 : successfully completed and won exclusive winner schwags from GitHub.
- Hacktoberfest 2020 : successfully completed and won exclusive winner schwags from GitHub.
- Volunteered Blood-Donation Camp.
- Organizer of technical events of my undergrad college.

### **INTERESTS:**

- Learning and Writing : Currently working on my very first novel “Pilgrimage of the old man “ which is yet to publish.