

SAMEER MALIK

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EDUCATION

Jamia Millia Islamia, New Delhi
Bachelor of Technology CGPA- 8.43/10
Mechanical Engineering

August 2014 - June 2018

WORK EXPERIENCE

HSBC,Pune

July 2018-present

Software Engineer

- Worked with Business Stakeholders to improve bank's customer base in US region,came up with concessions facilities for loyal customers and did implementation using Angular and React web frameworks.
- Developed banking transactions features that are currently being used in all USA's HSBC branches which improved the teller's time by 20 percentage to undertake individual transactions .
- Working with Global Cybersecurity team to improve Bank's security to promote bank's zero defect programme called "Shunya". Tools and guidelines that being used are Checkmarx and OWASP .

Omnipresent Robot Tech, Delhi

May 2017-July 2017

Machine Learning Intern

- Worked on region based Convolutional neural networks to detect and recognise the objects in the video taken by the aerial drone. Hardware used : Parrot Mambo Quadcopter.
- Worked on motion planning solutions for autonomous cars for easy navigation .Stimulation done through Matlab' s Simulink and car used was Mahindra e20

ASET Research Institute, Delhi

Dec 2016- Feb 2017

Intern

- Developed real time surveillance systems which detect and recognise objects using computer vision. Libraries used were TensorFlow,Keras and OpenCV .
- Worked on world's first mind controlled Wheelchair "Samarth", improved mobility by doing proper calibration of various sensors like thermal sensors, EEG and distance sensors.

Prigma Edutech Solutions, Pune

May 2016-July 2016

Intern

- Learned and worked on automobile modelling along with ergonomics study using tools like CATIA.
- Visited around 20 engineering colleges along with mentors to impart vehicle's functional knowledge.

PROJECTS AND SEMINARS

Bank Customer Sentiment Analysis

August 2019- Present

- Utilising social media and banks customer digital feedback system to certain the effects of banks policy on customers .Utilising AWS and Splunk to make data visualisation available to banks stakeholders .

Reverse Image Search

Feb 2017

- Developed content based Image Search on color histogram.Using image as an query retrieved the possible accurate similar looking images from the file system.

Robocon India

December 2016- March 2017

- Member of team that developed the Frisbee throwing Robot for Robocon 2017. Worked on the sensors,mobility and design on the Robot. Tools used include proE, Matlab and Arduino Uno.

Solar Robotics Jamia Millia Islamia

October 2015

- Presented a poster and detailed presentation in National Seminar of solar Robotics . Discussed various effects and scenarios of usage of solar energy in space exploration.

POSITIONS OF RESPONSIBILITY

Facilitator,HSBC

Feb 2019- Present

Facilitates department's newly joined software developers induction ,take sessions to provide them with the knowledge of secure software development .

SPOC -Single Point Of Contact,HSBC

July 2018- Sept 2018

Focal Point of Information for 100 peers during the HSBC's training.Coordinated all important activities and ensured smooth training.

Vice President ,Robotic Society of India, Jamia Millia Islamia

July 2015- May 2018

Started as member and finished as Vice President in RSI. Managed and availed programming classes for students. Active team participation in various Robocon competitions from 2016 to 2017 .

Assignment Reviewer,Coding Ninjas,New Delhi

Jan 2017- July 2017

Student of classroom training for Data Structures and Algorithms and Applications of Machine Learning .Reviewed the assignments and machine learning models submissions during the period .

AWARDS AND RECOGNITION

- Winner,HSBC India Secure Coding competition,2019
- Runner-up,HSBC Cybersecurity Conclave,2019
- Star Performer,HSBC,Channels Department,2019
- Runner-up,Innovation Competition by Centre for Innovation and Entrepreneurship,JMI,2016.
- School representative at district level for Green Olympiad,2011.

EXTRA-CIRRICULAR

- Coordinator HSBC's "Pride Parade",2019
- Coordinator Encomium 2017 - a Nation Level Tech Fest of Jamia Millia Islamia , Delhi
- Winning Team Member,Jamia Millia Islamia's Inter-department Cricket competition, 2017
- Winner,Jamia Millia Islamia's interfaculty ,Badminton competition 2015.

SKILLS

Programming Languages

Python,Java,Javascript,HTML,CSS,C++(familiar)

Libraries

Numpy, Tensorflow, OpenCV, Theano, Keras,PyTorch/Caffe

Frameworks

MATLAB,ROS(familiar),Angular,React

Tools

CATIA,proE,AWS,Splunk,Tableau(familiar)