

HARSHIT SONI

Software Developer

@ soniharshit2000@gmail.com @ hsoni1@binghamton.edu
☎ +13478185361 📍 New York, USA 🔗 <https://harshitsoni01.github.io/>
in <https://www.linkedin.com/in/harshitsoni01/> 🌐 <https://github.com/harshitsoni01>



EXPERIENCE

Software Engineering Intern

RoboticsForSure.

📅 June 2021 – August 2021 📍 Jaipur, India

- Worked on various areas of Machine Learning, implementing RPA (Robotics Process Automation), and successfully met the objective set at the project's beginning.
- Deploying machine learning solution for Automation.

PROJECTS

Wear Your Weather

- Developed a Web App that gives weather updates as well as outfit recommendations to go with the weather on the day
- Technologies used: Python, Flask, PostgreSQL Database, HTML, CSS, JavaScript
- 🔗 <https://weather-dress.herokuapp.com>

Fake News Detection

- I built an ML-based model that detects and labels the questioned news as fake or real. I won second place in my first Hackathon
- Integrated the Fake News Detector with a Twitter bot. It replies to a tweet when tagged, identifying the headline as REAL or FAKE
- Technologies used: NumPy, pandas, NLTK, Translator, News API, Twitter API, Python, Flask
- 🔗 <https://fake-news-detection.herokuapp.com/>

Python And Arduino Integration

- Arduino programs coded in Python using Pyfirmata library. Some of the projects include: Digital Dice, Tkinter controlled LED, Accelerometer (tilt-sensor), Rotary encoder (angle-sensor)
- Technologies used: Python, Arduino, Pyfirmata library
- 🔗 https://github.com/harshitsoni01/python_arduino_projects

Twitter Scraper

- Python Script to scrape tweets and tweet details without any account
- Technologies Used: Python, pandas, twitterscraper, CSV, re

WhatsApp Automation

- Developed an automation script that sends a message or a set of messages to a contact or a group
- Technologies used: Python, Selenium web driver

CERTIFICATION

Mathematics for Machine Learning From Imperial College London

- Courses: Linear Algebra, Multivariate calculus, and PCA.

Git for developers

- Git for developers using GITHUB and Bash

HONORS & AWARDS

Hackathon

- Placed 2nd out of the 49 teams
- Led a team to develop a custom Fake News Detection Model using Machine Learning and Natural Language Processing
- Deployed the model on a web app, alongside a Twitter BOT

IEEE Xplore Research Paper

- Fake News Detection Using Natural Language Processing and Logistic Regression
- Led the team for research and development of the paper
- Received a certificate for excellent team presentation

TECHNICAL SKILLS

- Python
- Flask
- Java
- HTML & CSS
- Selenium
- Pandas, NumPy
- SQL
- Git
- Data mining
- BOT
- C&C++

EDUCATION

Master's in Computer science

State University of New York Binghamton

📅 August 2022 - May 2024

📍 Binghamton, New York

Bachelor's in Electronics and

Telecommunication Engineering

Thadomal Shahani Engineering College

📅 July 2018 - May 2022

📍 University of Mumbai