Devesh Datwani

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Work Experience

Junior Web Developer Intern, Nurturelabs, Mumbai, India   *May 2021-July 2021*

- Worked in a team to build a social media keyword-monitoring web application that generates marketing and business leads
- Wrote scripts to periodically scrape live data from Reddit, Stack Overflow, ProductHunt
- Worked hands on with Python frameworks like Django and FastAPI

Data Specialist, Admatazz, Mumbai, India   *December 2019-November 2020*

- Built web scraping tools
- Worked in a team to build ML tools for remarketing
- Something
- ABCD
- Hello

R&D Intern, Boson Machines, Mumbai, India   *July 2018-November 2018*

- Worked with Raspberry Pi Microcontrollers to build Boson printer prototypes
- Experimented with different firmware to optimize user friendly graphical interface
- Something

Personal Projects

Experimenting With Plasma Actuators for Flow Induction Inside Hollow Pipes

- Experimented with a plasma actuator by setting up electrodes in distinct configuration inside hollow pipes which induced airflow without the help of any moving parts
- Recorded maximum air-flow velocity of 1.6 m/s or a flow of 9000 liters/hour based on the pipe diameter

Trends On the Map

- "Trends On the Map" visualizes live Twitter trends on the world map allowing visitors to catch up with what's buzzing in different parts of the world
- Built the web-application using the Python's Flask framework
- Deployed the flask app on AWS' EC2 instance

Education

Master of Science in Robotics, Worcester Polytechnic Institute, Worcester, MA   *2021-2023*
Course work: Robot Motion Planning, Robot Control, Computer Vision, Machine Learning, Deep Learning

Programming Skills

Languages: Python, C, C++, HTML/CSS
Frameworks/Libraries: OpenCV, Django, FastAPI, ROS, Scikit-Learn, NumPy, Pandas
Hardware: Arduino Uno, Raspberry Pi

Certifications   Introduction
to Delf-Driving Cars, Coursera
Applied Machine Learning in Python, Coursera
Robotics: Aerial Robotics, Coursera