Vivank Sharma

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github.com/vivanksharma | linkedin.com/in/vivanksharma

Highly analytical and process-oriented data scientist with a demonstrated ability to deliver valuable insights via data analytics and advanced data-driven methods to increase efficiency, accuracy, and utility of internal data processing.

EDUCATION

Vellore Institute of Technology, Vellore, Tamil Nadu, India.   **Expected Graduation: April 2021**
Bachelor of Technology in Information Technology
- Relevant Coursework: OOPs, Data Structures, Operating Systems, Machine Learning, Deep Learning, Web-Tech

Skills

- Computer Languages – Python (Advanced), C (Intermediate), C++ (Intermediate), Java (Intermediate)
- Database – SQL, MongoDB, Firebase
- Framework – PyTorch, TensorFlow, Keras, GIT
- Libraries – NumPy, Scikit-Learn, Pandas, Matplotlib, OpenCV
- Software – Android Studio, Flask, NodeJS, Github
- Languages – English (Conversational), Hindi (Conversational), Spanish (Basics)
- Soft Skills – Adaptive, Leadership, Organized, Quick Learner, Teamwork, Time Management

WORK EXPERIENCE

Hack Off, Vellore, Tamil Nadu, India.   **Dec 2018 – Dec 2019**
Director
- Hack Off v1.0 - 30 hours long national hackathon with more than 300 hackers
- Hack Off v2.0 – 30 hours long international hackathon under Major League Hacking with more than 300 hackers and one of the biggest in India

Institution of Engineering and Technology (IET-VIT), Vellore, Tamil Nadu, India.   **July 2019 – Present**
Secretary & Project Head
- Leading and guiding all the projects ongoing under the professional division of IET-VIT and a technical speaker at seminars on interdisciplinary technical aspects also organizing every event happening under IET-VIT.

Pixxel Utility Services, Dharamshala, Himachal Pradesh, India.   **May 2019 – June 2019**
Technology & Engineering Intern
- Made a NodeJS based web portal for handling all the financial affairs for the Govt. of Dharamshala
- Did Association rule mining on the expenditure and analyzing and drawing conclusion from it

PROJECTS

Machine Learning based Predictive Analysis for Failure of IoT based System   **June 2019 – August 2019**
- Failure prediction of a device in a distributed system based on different IoT sensor data
- Taking proactive prescriptive move based on analysis and forecasting
- Model built using python framework and integrating it with raspberry-pi

Optical Character Recognition for Devanagari Words   **March 2019 – April 2019**
- Created a number image classification AI using TensorFlow to learn about machine learning and neural networks
- Implemented local and global differential privacy on test data with deep learning in Python to maintain data privacy

wSenti – A Sentiment Analyzer for Slangs used in Micro-Blogs   **January 2019 – March 2019**
- Analyze and gives a score for a micro blog on the scale of 0-10
- Model built using python framework and deployed as a web framework using the Flask framework

and a lot more which can be seen on github.com/vivanksharma