ONKAR MANE

Data Science

3rd Cross Rajajinagar,Bangalore.560010 | +91 7007307680 | onkar373@gmail.com

linkedin.com/in/onkar-mane-iit | github.com/onkarmane | onkarmane.github.io

CAREER SUMMARY

Results-driven, seeking to use Machine Learning skills to build better accuracy models. Have worked with modern frameworks like TensorFlow, Numpy, Open-CV. Passionate to dive into Natural Language Processing and Computer Vision.

SKILLS

Linux, Computer Vision, Natural Language Processing, TensorFlow, Python, cv2, Pandas, Numpy, sklearn, Matplotlib, Data Visualisation, Data Cleaning, Command Line, Git and Version Control, Probability Statistics, Data Manipulation

WORK EXPERIENCE

VeataminH Pvt Ltd, Bangalore   · Full-Time

Product Development, Marketing, Supply Chain | June 2020 - Present | Full-Time
- Identified a major bottleneck, led company to profits from initial losses.
- Developed viable product from scratch aligning with market survey.
- Managed day-to-day manufacturing operations and E-commerce sale.
- Supervised and trained 3 employees with full employee retention.

Indian Institute of Technology, Kanpur   · Part-time

Teaching Assistant (Course ESC-201) | January, 2017 - July 2019
- Planned, prepared Digital Circuits experiments for undergraduate students.
- Taught techniques to perform and debug the experiments.
- Communicate, cooperate, and consult with Faculty-in-charge.

Indian Institute of Technology, Kanpur   · Part-time

Teaching Assistant (Optics Lab) | August, 2015 - June 2016
- Setting up optics experiments such as Interferometry and Holography for MTech Students
- Assess, record,report on development and progress, issuing grades.

RELEVANT PROJECTS

Sentiment Analysis (Natural Language Processing)
- Created Extract Transform Load Pipeline on IMDB Dataset.
- Improved Vector Representation of corpus vocabulary by using Word Embeddings (GloVe).
- Evaluation and hyperparameter tunning to improve accuracy.
- Libraries: TensorFlow,Numpy, Keras, Matplotlib, sklearn

Transfer Learning for Computer Vision

- Extract Transform Load (ETL Pipeline) on image dataset using cv2 and python.
- Used VGG-16 pre-trained weights for training which improved accuracy and speed.
- Libraries: OpenCV, Numpy, Keras, sklearn

Pandas Cleaning and Visualization

- Cleaned data for analysis using pandas library in Python.
- Used pandas and matplotlib to explore which cars hold the most values over time

EDUCATION

Indian Institute of Technology, Kanpur.

PhD [Discontinued] in Electrical Engineering | January 2017 - October, 2019 | Grade: 7.5

- Holography : Interferomety, Image Formation, 4D Fields, Optics
- Integrated an email marketing software to increase subscribers and promote products
- Courses: 1. Image Processing   2. Optical Coherent Imaging

Indian Institute of Technology, Kanpur.

Masters in Electrical Engineering | July 2014 - November, 2016 | Grade: 8.0

- Thesis: Optical study of GaSb/InAs super-lattice quantum well intermixing.
- Description : The study is to carry out low temperature PL of as-grown structure and laser annealed structure to verify the increase of the band gap in inter-pixel region of p-i-n photo-diodes.
- Poster Presentation: Photoluminescence spectroscopy for contactless, nondestructive method to probe the electronic structure of materials.
- Courses : 1.Numerical Methods : Matlab Programming for numerical analysis of optical systems.   2. Research Methods in Optics

Kolhapur Institute Of Technology, Kolhapur.

Bachelor's in Electronics & Telecommunication Engineering | 2007-2011

First Class with Distinction

Higher Secondary School | 2005-2007

First Class with Distinction 90.33%

Secondary School Education | 2005

First Class with Distinction 88.93%

LEARNING

Docker, Data Structures and Algorithm, Database(SQl and MySQL), Advanced Computer Vision

CERTIFICATIONS

Social Prachar , Hyderabad.

6 Months Data Science Certification.