Prasanna Rajendra

Nerul, Mumbai· 8355837533/ 9594112606 : prasanna.rajendra97@gmail.com

To
The Hiring manager

Dear Sir/Madam:

This letter is to express my interest in your job posting. Currently pursuing a Bachelor's degree in Computer Engineering Batch 2020 and I have hands-on training in implementing machine learning and deep learning models, I am confident I will be an asset to your organization.

To give you a brief overview of my skill set –I am currently working with IITM(Indian Institute Of Tropical Meteorology) for 6 months as Project Intern, working on deep learning project of Super-Resolution Convolutional Neural Network (SRCNN)and DeepSD on meteorological data. Prior to IITM, I have worked for Mahindra Susten as Machine Learning Intern for Automation in report generation using Machine learning.
Furthermore, I am multi-task oriented, enjoy a challenge, and continually stay abreast of the latest advancements in the IT field.

I like earning new things and can assimilate new ideas quickly.
I've attached a copy of my resume that details my projects and experience in software development. I can be reached anytime via my cell phone, 8355837533 or via email at prasanna.rajendra97@gmail.com

Thank you for your time and consideration. I look forward to speaking with you about this opportunity.

Sincerely,

 Prasanna Rajendra

PRASANNNA RAJENDRAN V

B.E - CSE

Ph: +91-8355837533

Email: prasanna.rajendra97@gmail.com
Mumbai - 400055, Maharashtra, INDIA

BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

Junior ML engineer with experience in project work and Internship. Excelled in machine learning and data science coursework. Skilled in problem- solving, and programming, looking for the opportunity to work in a challenging environment by exhibiting my skills with utmost sincerity and dedicated smart work for the growth of your esteemed organization along with mine

KEY EXPERTISE / SKILLS

Python   Java   Keras   Machine Learning   Scikit   Javascript   NumPy   Flask

EDUCATION

Ramrao Adik Institute of Technology   2016 - 2020
BE- CSE | **7.28**

Patuck Technical Junior College, Mumbai   2016
12th | HSC | Percentage: **71.23 / 100.00**

Cardinal Gracias High School, Mumbai   2014
10th | SSC | Percentage: **76.60 / 100.00**

AWARDS AND SCHOLARSHIPS

- Secured **First position** in an internal Hackathon for Smart India Hackathon competition conducted at RAIT 2020.
- **Top 7** in Hackit hackathon Conducted by K.J Somaiya 2020.
- Secured **349th/25000** Rank at Virtusa Neural Hack 2019**.**
- **Excellent Paper Presentation Award** at World Research Forum For Engineer and Researcher, Pune,2019
- **Secured Third position** in a Bitcamp conducted at CSI RAIT Nerul, Oct 2018
- Secured **First position** in an IOT competition conducted at Terna

EXPERIENCE

IITM, Pune(9 months)   July 12, 2019 - Present

Key Skills: Keras   NumPy   Pandas   Matplotlib   basemap

Currently pursuing an 8-month internship with IITM(Indian Institute Of Tropical Meteorology) on Pratyush Super Computer(Indian fastest computer)currently as Project Intern, working on deep learning project of Super-Resolution Convolutional Neural Network (SRCNN)and DeepSD on meteorological data.

Mahindra Susten(2 months)   June 7, 2017 - July 13, 2017

Key Skills: Keras   OpenCV   NumPy   Pandas

Completed 2 month internship as software developer intern in Automation in the detection of defective spots and infrared temperature analysis on an infrared image of Photovoltaic cells by using Deep Learning methods and generate report in excel. sheets

PROJECTS

Nowcasting ConvLSTM model on INSAT(Indian National Satellite System) Data(AI) :
Key Skills: Keras ,Open-CV, Numpy, Xarray , Basemap

An ISRO stated problem statement for Smart India Hackathon to build Deep Learning Convlstm based model to predict now casted satellite frames and its animation loop for next 3 Hrs at an interval of 30 Min using data form INSAT-3D and INSAT-3DR.

Automation in Feedback Generation (Deep learning):
Key Skills: Opencv, Keras, Flask JavaScript Pandas Sklearn

A Website with Deep learning method(CNN) to automate feedback with the help of Expression Detection to analyze user emotion as a feedback and generate report and give rating after watching content.

Smart Surveillance with Anti 2D Spoofing-using Opencv and liveliness detection(OpenCv)

Key Skills: OpenCV, Python, Dlib

The Smart Surveillance System With Anti 2D mask spoofing , this project can classify user and can detect whether the person is user or not user and 2d mask 2d mask spoofing is done by Blink detection using DLib ,if blink count is less than 2 then the person is using 2d mask.

House Pricing Prediction- Kaggle(ML):

Key Skills: Scikit, Pandas, NumPy

A multilinear regression model for real estate company that has a dataset containing the prices of properties in the Delhi region to predict the sale prices of the properties based on important factors such as area, bedrooms, parking

Automated Resume Screening System(ML):

Key Skills: Python, Flask, Sklearn, nltk

A NLP and KNN(K-Nearest Neighbors algorithm) based web portal system for recruiters, which will prompt with skills related to the role vacancy to filters employees, in order to enhance the search along with automated Scraper to fetch profiles from public recruitment based platforms

PUBLICATIONS / RESEARCH / WHITE PAPERS

PHOTOVOLTAIC CELL DEFECT DETECTION IN SOLAR PANEL

Smart City | INTERNATIONAL JOURNAL OF ADVANCES IN ELECTRONICS AND COMPUTER SCIENCE(IJAECS)   Dec. 2018

Key Skills: Python, Opencv, NumPy, Pandas

This paper presents a thermography-based diagnostics ready to give a clear and unambiguous data, on account of a PC supported examination in light of the InfraRed (IR) investigation: the proposed technique, indeed, gives an excellent diagnostics (both in numerical and in a subjective frame) for every cell of the SOLAR module. Additionally, the paper proposes a product stage that actualizes the work process and consequently creates a report, so coming about a quick and powerful instrument for the experts of the Operation and Management.

Link: http://www.digitalxplore.org/up_proc/pdf/407-154815065833-36.pdf

ASSESSMENTS / CERTIFICATIONS

Specialization On Machine Learning by University of Michigan on Coursera.[Ongoing]:
Key Skills: **Scikit ,Matplotlib, numpy, pandas**

Deep Learning With Keras by IBM on Cousera:
Key Skills**: Keras, Scikit , Matplotlib, numpy, pandas**

R Programming by InternTheory:
Key Skills: **R, Rstudio**

Java Level 1 and Level 2 by Cambridge Certification Authority :
Key Skills: **Java ,OOPs**

Divide and Conquer, Sorting and Searching, and Randomized Algorithms by Stanford University
Key Skills: **Data Structure ,Algorithm**

EXTRA CURRICULAR ACTIVITIES

- **Research Wing Head o**f CSI RAIT.
- **Event Head of Game** of Codes at Technical festival Innovision organized by ISTE(Indian Society for Technical Education), Oct 2017)
- **Best Publicity Award** at Technical festival Innovision organized by ISTE(Indian Society for Technical Education), Oct 2017)
- Member of Orphanage Teaching Team, Social wing RAIT.

PERSONAL INTERESTS / HOBBIES

Reading ,Listening, Music and Travelling

IMs

WhatsApp - 8355837533/9594112606

PERSONAL DETAILS

Gender: Male

Marital Status: Unmarried   **Date of Birth:** Dec. 18,1997

Current Address: 1306 sanjeevani housing society, near maratha colony , golibar   **Phone Numbers:**+91-8355837533
road, Mumbai, Maharashtra -400055

Emails: prasanna.rajendra97@gmail.com