

Raj Kiran P

Machine Learning Engineer
CLAP Research



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Work Experience

June'18 Machine Learning Engineer CLAP Research, Trivandrum
Building 'Voody' which is an Enterprise Search Engine. Won Huddle Kerala (All India startup pitch). NASSCOM emerge 50 winner (link)

Research and Projects

PDF Parser for Enterprise Search
Currently developing a PDF Parser that uses computer vision for extracting relevant information from the document keeping reading order, layout, tables, figures etc.

Natural Language Question Answering System for Graphs
Developed a question answering system that can handle natural language queries in a graph database, which is schema-less in nature. This required path panning, traversal and intelligent guesses as to which nodes and edges are best starting points

Social Media Influencer Assistant
Developed a web application leveraging machine learning to help users predict trends in twitter tweets ahead of time and become an influencer.

Education

2014-18 BTech - Computer Science
Rajadhani Institute of Engineering and Technology, Kerala University
GPA: 8.88/10

Skillset

Languages Python, Java, C, C++, HTML/CSS, Javascript

Packages Matplotlib, Seaborn, Plotly, Cufflinks, Pandas, Numpy, NLTK, SpaCy, Scikit-learn, Keras, Pytorch, Flask, OpenCV, Numba, Dask, Pika, Tweepy

Databases MySQL, PostgreSQL, MongoDB, Neo4j

Courses and Certifications

Foundation in Data Science
Data Science Academy, Trivandrum

Machine Learning A-Z | Deep Learning A-Z
Kirill Eremenko, Udemy

Complete Python Bootcamp | Python for Data Structures, Algorithms
Jose Portilla, Udemy

Organizations

2019* Instructor & Organizer - School of AI Trivandrum
Currently organizing a 12 week session on Python

2016-18 Executive Member - IEDC Rajadhani College
Organized training programs that helped the junior students in Rajadhani college to bring out new innovative ideas.

Achievements

2017 Exploit-DB Google Hacking Database(GHDB)
Got listed in Google Hacking Database (GHDB) contributors list and owns GHDB-ID: 4833, 4834, 4835, 4843, 4844, 4851, 4852 via EXPLOIT-DB.