JAYDEEP SINGH

Jaypee University of Engineering and Technology

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EXPERIENCE

Research Intern - IIT Indore
Biomedical Signal Processing

📅 June 2019 – July 2019   ⚲ Indore,India

- Research and development of Biomedical Signal Processing in collaboration with IIT Indore.
- Working with team on design, development and integration of signal processing.
- Experience with performance analysis, optimizations and benchmark evaluations.

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Machine Learning
Coursera

📅 Oct 2018 - Jan 2019   ⚲ Online

- Supervised Learning, worked on SL to train model to recognize the pattern in given data with more efficiently
- Worked on support vector machines (SVMs, also support vector networks) which is supervised learning models with associated learning algorithms that analyze data used for classification and regression analysis.

ACHIEVEMENTS

- District level football player at Rewa under 16 age group.
- Scored 2 nd position in inter-school Badminton Championship.

- Manager at IETE Students Forum (ISF),Jaypee University of Engineering & Technology,Guna,(M.P.).

TECHNICAL SKILLS

- MATLAB, Xilinx ISE 12.1, MS Office, Proteus, Arduino
- C,C++,Java,Python(Beginner)

PERSONAL SKILLS

- Having Leadership Qualities.
- Ability to work under pressure.
- Comfortable Working Independently.
- Ability to take initiative to solve problems.

HOBBIES

- Playing badminton and video games.
- Listening to Music.
- Exploring Places.

EDUCATION

Université Haute-Alsace
PhD in Machine Learning

📅 Sep 2017 – Sep 2020   ⚲ Mulhouse, France

- Advancing **Deep Learning** for **Time Series Classification** (TSC) (https://github.com/hfawaz/link)
- Contribute to **Keras.io** with a tutorial on Convolutional Neural Networks for TSC (https://keras.io/examples/timeseries/timeseries$_c$lassificatio
- Publishing in top conferences and journals while reaching **#1 of all time** in DMKD (https://scholar.google.com/citations?hl=eng$_d$ataminin $list_h corevenue = 35Y8BT agp0QJ.2022 link) Student travel$ **award** $for IEEE$ **Big**
- **International** collaborations: Monash University (**AUS**), Alan Turing Institute (**UK**), The Open University (**NL**)
- Teaching a **Deep Learning** course for masters students at ENSISA engineering school

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Université de Bourgogne
Masters in Databases

📅 Sep 2016 – Sep 2017   ⚲ Dijon, France

- SQL, NoSQL, Graph
- Data Mining, Semantic Web
- Linear & Constraints Programming

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Université Antonine
Masters in Software Engineering

📅 Sep 2011 – Sep 2016   ⚲ Beirut, Lebanon

- JAVA, C#, Multi-threading, Web Services
- Networking, CCNA Routers & Switches

DEVELOPMENT SKILLS

Object Oriented Programming	●●●●●
Software Design Patterns	●●●●○
Algorithms & Data Structures	●●●●○
Python, SQL, NoSQL	●●●●●
Time & Memory Complexity	●●●●●
MapReduce, Java, C++	●●●○○

OPERATION SKILLS

Git, Code Review, Unit Tests	●●●●○
Docker, Kubernetes	●●●●○
GitLab CI/CD Pipeline	●●●○○
High Perf. Computing (HPC)	●●●○○
Amazon Web Services (AWS)	●●○○○
REST, gRPC, Message Brokers	●●○○○

PUBLICATIONS