

Jithendra Sai VEERAMANENI

Data Scientist (Consultant)

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PROFESSIONAL EXPERIENCE

L2F SA (GIOTTO AI)

Lausanne, SWITZERLAND

Data Scientist (Consultant)

2020 - Present

- Working on Giotto Compliance: an AI-based platform used by medical device companies across Europe to speed up the clinical evaluation report generation process used for getting their devices regulated
 - Technology owner of one of the two AI-dependent features on the platform
 - Reduced the document screening time by more than 50% using ML and NLP techniques
 - Used continuous integration and deployment process and always stayed ahead of the AI / ML performance targets set by the management team
 - Using Python, Git workflow, and Agile methodologies in the development process
- Built a Snow Leopard Identity Recognition system using Computer Vision for an organization protecting them
- Worked on human brain parcellation using topological data analysis for CHUV (Lausanne University Hospital)
- Estimated hotel booking demand up to 6 weeks in advance with the historical data using time series methods

FACEDAPTER

Geneva, SWITZERLAND

Data Scientist (Consultant)

2020 - 2021

- Worked on face recognition and identity verification technologies
 - Created and implemented a data collection and preparation strategy/software to build machine learning models
 - Face Liveness Detection (used Amazon AWS S3, ML in Sagemaker, and EC2)
 - Matching faces from a live video stream to the photo on an ID card (used MS Azure for Machine Learning)
- Built and managed the Data Science team of four people
- Collaborated with Idiap Research Center in Switzerland to create a multi-modal face matching system

SHARING TRIBE

Zurich, SWITZERLAND

Data Scientist (Consultant)

2020

- Created the initial AI strategy for the job-sharing platform
- Worked on candidate matching system using Natural Language Processing

AIRBOXLAB (FOOBOT)

Esch-sur-Alzette, LUXEMBOURG

Data Scientist

2019

- Worked on reducing the energy consumption of a building using AI which produced better savings than the US National Renewable Energy Laboratory model
- Developed an internal statistical and visualization tool to illustrate industrial data according to the needs of the cross functionals teams and different stakeholders of the company

MAHINDRA ECOLE CENTRALE (UNIVERSITY)

Hyderabad, INDIA

Data Scientist (PartTime)

2015 - 2016

- Worked on Smart Grids Project for the Canadian State of Ontario
 - Developed industrial-scale forecasting models for temperature, humidity, and loads on an electricity grid for up to one week in advance using Artificial Neural Networks
- Developed a python library for Support Vector Machines

EDUCATION

CENTRALE SUPELEC AND ESSEC BUSINESS SCHOOL

Paris, FRANCE

Master in Data Science and Business Analytics

2018 - 2020

Master Thesis on reducing the energy consumption of a building using AI (Airboxlab)

Relevant Courses: Big Data Analytics, Machine Learning, Deep Learning, Forecasting, Predictive Analytics, Strategic Business Analytics, Natural Language Processing, Decision Analysis, Business Intelligence

MAHINDRA ECOLE CENTRALE

Hyderabad, INDIA

Bachelor of Technology, Major in Mechanical Engineering

2014 - 2018

Bachelor Thesis on Stock Price Estimation from historical price data, news, and tweets of several companies using NLP and Deep Learning methods (including LSTMs)

ADDITIONAL INFORMATION

- Technical Skills: Python, Scikit-Learn, Keras, TensorFlow, Pandas, Numpy, Matplotlib, R, MATLAB, SQL, Excel, Arduino
- Cloud Technologies: Amazon Web Services (AWS), Microsoft Azure
- Workflow: Git, Agile Methodologies, Continuous Integration Continuous Deployment (CI/CD), Jira

LANGUAGES

- English (fluent)
- French (intermediate)
- German (beginner)
- Hindi (fluent)
- Telugu (mother tongue)