

Role title: Machine Learning Tech Lead

Location: Tel Aviv, Israel

Versatile (Formerly known as Versatile Natures) is a Construction Tech Company that has pioneered a new, non-intrusive way to capture Jobsite performance data. Our vision is to connect all fragmented pieces of the construction process to a single source of productivity and precision. We transform construction professionals into superheroes and construction into a truly controllable manufacturing process.

We are seeking an enthusiastic, collaborative, and highly motivated Machine Learning Tech Lead to join our company. We are looking for someone who thrives in a fast-paced environment and welcomes new challenges every day. Specifically, we're looking for an expert in Machine Learning to help us extract value from our data.

What you will be doing:

- The Machine Learning Tech Lead mission is to handle all the processes: data collection, sanitizing, and preprocessing
- Train the models, test them, and deploy them into production
- Designing ML pipelines infrastructure in production, Familiarity in creating Dockerfile, Managing dataset for training the ML models, Deployment of the trained ML models to production

Requirements:

- 6+ years of experience in coding, at least 3 years of practical experience in Data Science techniques
- **BSc in Computer Science, Electrical-engineering, Mathematics or similar fields.** MSc is a plus
- Proficiency with a deep learning framework such as TensorFlow or Keras or something similar
- Proficiency with Python and basic libraries for machine learning such as scikit-learn, NumPy and pandas
- Experience in training ML models and saving tuned hyperparameters
- Experience in visualizing and manipulating big datasets (Infographics are a plus)
- Deep knowledge of maths techniques, probability, statistics and algorithms
- Ability to write robust and well-designed code in Python, Javascript (Typescript + Web framework - React or something similar), Knowledge of common design patterns
- Proficiency with OpenCV (Computer Vision) - an advantage
- Proficiency sensors data specialist - an advantage

- Time series, 3d positional tracking, sensors data - an advantage