

## Senior Machine Learning Engineer

TrovaAi is looking to take our team to the next level!

Fresh off our first funding round, enjoy the culture, environment, and potential of an early-stage startup, with the piece of mind that fresh funding brings. We believe that TrovaAi will be a revolution in the construction industry, and this is your opportunity to get in on the ground floor.

### **Who are we:**

TrovaAi is a startup utilizing AI in the mechanical and electrical construction estimating process. We are working with established industry partners to streamline the gathering and manipulation of engineering data using AI.

### **What you would be doing:**

TrovaAi has created an AI model in conjunction with a well-established university, you will be taking a leading role in in developing and evaluating the intelligent models for handling large volumes of unstructured content (mainly engineering diagrams). You will also be responsible for refining and improving the existing model, as well as increasing its capabilities. You will be working with a very small and focused team looking to bring this product to market in one year; decisions you make will have a direct impact on our final product.

### **Qualifications:**

Candidates must possess a bachelor's and master's in Data Science, Machine Learning, Computing, Information Engineering, or a strongly related discipline. A PhD in Data Science, Information Engineering, Machine Learning, or similar field is highly desirable. The candidate should be self-motivated with an ability to work independently and to tight deadlines within a dynamic and small team environment. In addition, they must have strong programming skills as well as a genuine enthusiasm for applying advanced methods to a real-world problem.

Strong knowledge and understanding of programming languages such as, Python, or similar language, as well as deep understanding and sound experience in modern deep learning frameworks such as Tensorflow, Keras, PyTorch are essential. The job includes developing intelligent methods to handle unstructured data such as images and complex documents, therefore, experience in building object detection methods is paramount.

### **Other information:**

- Job is 100% remote
- Full time hours
- Contact [ssottile@trova-ai.com](mailto:ssottile@trova-ai.com) with resume to apply