

Company Description

Mesa Engineering founded more than 40 years ago in Houston Texas, is an engineering research and development company charting ways to apply new technology to existing problems. Our designs can be found from earth orbit to the bottom of the ocean. Currently we are seeking motivated and skilled individuals interested in artificial intelligence and in particular Deep Learning techniques.

Job Description

We are growing our Artificial Intelligence Research Team and are looking for a Deep Learning researcher to push the state-of-art in the field of sensor input analytics.

- Adoption of Deep Learning based systems into next-generation video and sound analysis.
- Model deep architectures and algorithms to evaluate feasibility and performance characteristics.
- Construct prototype DL systems for proof-of-principal and field trials.
- Remain current in the DL state of the art and vigilant for new and applicable developments.
- Evaluate state of the art DL algorithms and advances in DL frameworks.
- Present research findings in conferences and journals
- Assists with patent applications if applicable

Qualifications

- Degree in Computer Science or other engineering discipline with focus on Deep Learning.
- In depth knowledge and working experience on the various aspects of machine learning, neural networks, image processing, object detection/segmentation/classification.
- Strong understanding of machine learning algorithms & principles.
- Familiarity with DL frameworks and video based behavior analysis.
- Solid background in numerical optimization.
- Proven programming skills, in at least one of the following languages: C, C++, C#, assembly.
- Knowledge of Linux.
- Experience working with GPUs and image processing is desired.
- Excellent communication skills and a proven ability to multitask and deliver on development tasks.
- Good team player.

Mesa Engineering, Inc. is an equal opportunity employer.