

Computer Vision Scientist Internship/Co-Op

Location: **Arlington, VA; Remote (flexible)**

Duration: **July - December 2021**

Description

Netrias is a fast-growing Artificial Intelligence (AI) company that specializes in the application of machine learning models for biological applications such as ultrasound classification, bacterial pathogenicity, and drug discovery.

Netrias is committed to creating a diverse environment and is proud to be an equal opportunity employer. Netrias recruits, employs, trains, compensates and promotes regardless of race, religion, color, national origin, sex, disability, age, veteran status, and other protected status as required by applicable law.

Job Summary

We are seeking a talented Data Scientist Intern/Co-Op with a machine vision background that can contribute to the development of deep learning algorithms and technologies for ultrasound image classification. You will be working directly with the Chief Data Scientist and a Senior Bioinformatician in defining and executing the AI capabilities of the company.

Qualified candidates will:

- Significantly contribute to the design, development, and application of deep learning methods for image and video segmentation and classification.
- Collaborate with software engineers to implement, test, automate, and apply mathematical algorithms from research

Requirements:

- Knowledge of problem analysis, mathematical formulation, algorithm development, and model implementation
- Understanding of both supervised and unsupervised machine learning techniques
- Familiarity with image classification techniques, algorithms, and architectures
- Proficiency in Python and a deep learning library (Tensorflow, Keras, PyTorch)
- Excellent written and oral communication
- Master's degree or higher in Bioinformatics, Computational Biology, Bioengineering, or Master's degree or higher in Computer Science, Statistics, Mathematics, Electrical Engineering, or similar discipline
- Experience or familiarity with biomedical imaging a plus