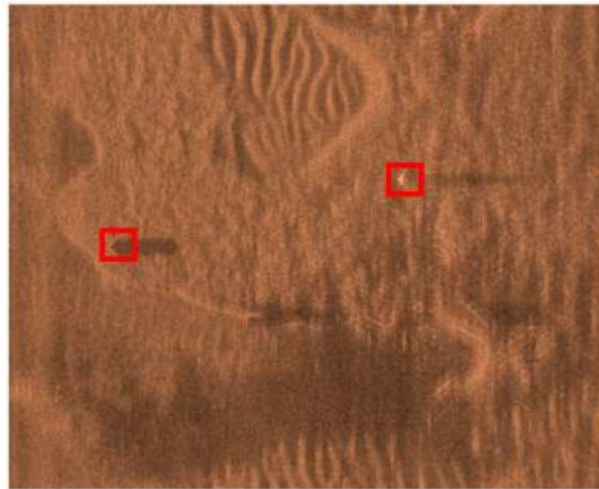




Interested in Artificial Intelligence, Machine Learning, and Computer Vision research? The Peeples Lab is **hiring** one undergraduate student (\$15/hr) and one graduate student (graduate assistantship).

Sponsor: Massachusetts Institute of Technology Lincoln Laboratory

Project: Histogram Layers for Improved Target Classification (Duration: 10/2022 – 09/2023)



Project description: Histogram layer(s) serve as method to incorporate statistical context within deep learning models. Statistical texture approaches have been vital for several applications including automatic target recognition, remote sensing image classification, medical image diagnosis, and crop quality management. We will develop novel algorithms and histogram-based models to improve target classification.

Ideal candidates will have the following qualifications:

- Strong programming skills in Python
- Solid background in Mathematics and Statistics
- Experience in (or interest in and strong motivation to learn) Machine Learning, Computer Vision, and Image Processing
- Preference will be given to ECE, CE, and CS majors

*Note: Due to the timing of hiring, the position does not qualify the student to receive a non-resident waiver for the Fall 2022 semester.

Please contact Dr. Joshua Peeples for more information:

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Office: WEB 318D

<https://engineering.tamu.edu/electrical/profiles/peeples-joshua.html>