



energyStartup 2015 Summer Internship Position

Company Name: Ceres Imaging, San Francisco, CA

Description of position:

A successful candidate will work with a team of engineers and scientists evaluating image processing and pattern recognition algorithms and software tools for large-scale aerial image analysis in precision agriculture applications. He/She will initially focus on algorithm and tool evaluations, documentation of results, and presentation of work to the team, and gradually take up algorithm and tool development under mentor supervision.

About us: We use spectral imaging and aerial photography to help farmers make more efficient use of water and fertilizer. Currently, we have a team of 12 and operations + paying customers in California and Australia.

Who should apply:

Programming experience, preferably MATLAB, Python and/or C++;
Course work in image processing, computer vision, or machine learning recommended; practical experience in any of the following topics is an advantage: feature extraction, image registration, image stitching, image segmentation, camera calibration, pattern recognition, or machine learning;
Ability to work independently and in a team environment;
Effective communication skills.

Required expertise:

Programming (MATLAB, Python and/or C++)
Image processing

Preferred skills/Majors:

Internship term: 8 weeks

Compensation: \$6000 stipend for 8 weeks