MACHINE LEARNING OPERATIONS (MLOPS)

INTERNSHIP OVERVIEW

Precision Planting is passionate about using science and technology to improve agriculture. The Precision Planting team develops innovative products that improve the lives of growers and make agriculture more sustainable, efficient, and profitable. The Precision Planting Machine Learning Operations Engineering Intern will receive hands-on experience in many different areas of product development based in Tremont, Illinois. This paid internship will focus on projects which apply cutting edge artificial intelligence and machine learning technology to new on-equipment precision agriculture products. We aim high and work hard, but you will have fun, and you will have the opportunity to grow technically .

Responsibilities:

- Collaborate with machine learning engineers and data scientists to construct data pipelines and facilitate the creation of Machine Learning models.
- Manage training jobs, experiment tracking, and deployment of Machine Learning models
- Real-world validation of edge deployed computer vision and machine learning algorithms
- Development of metrics and dashboards to quantify real-world model performance

Required Skills/Experience:

- Current enrollment in BS or MS degree program in Computer Science, Computer Engineering, Electrical Engineering, or equivalent
- Proficient in Python, with experience in libraries such as TensorFlow, PyTorch, Keras, scikit-learn, pandas, NumPy, and Matplotlib
- Solid understanding and hands-on experience with Linux operating systems.
- Strong communication skills and experience being a flexible team player
- Cumulative GPA of at least 3.0/4.0
- Personal Transportation
- Willingness to relocate to the Peoria/Bloomington, IL area

Desired Skills/Experience:

- Hands-on experience with NoSQL databases like MongoDB, Cassandra, or DynamoDB.
- Exposure to open-source ML frameworks such as OpenCV, TensorFlow, PyTorch
- Experience with cloud platforms like AWS, GCP, or Azure.

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