Data Operations Engineer

Asensus Surgical is currently seeking a Data Operations Engineer to join our top-notch Research & Development team in Israel.

This is an exciting time to join Asensus and to be part of a leading edge team that is pioneering a new era of Performance-Guided Surgery.

You will own an environment of hybrid data and will ensure that the team has timely, accurate and complete data sets to drive their activities.

We are looking for an individual who is passionate about data, a team player and a strong communicator. Someone with the ability to communicate results and insights in a clear and concise manner to a non-technical audience.

Who We Are

As a medical device company, Asensus is digitizing surgery to pioneer a new era of Performance-Guided Surgery. Utilizing robotic technology to improve minimally invasive surgery in ways that matter to patients, physicians, surgical staff, and hospitals and enabling consistently superior outcomes and a new standard of surgery. Our employees are especially passionate about the work they do and thrive in a collaborative environment that fosters creative solutions to complex problems. The work is challenging, but everyone comes to Asensus Surgical looking for a fulfilling career, and that's exactly what they find.

What You Bring

- Master's degree Applied Mathematics, Computer science (e.g. specialization: Machine learning/Artificial Intelligence /Visualization, databases, and Big Data), Statistics, or closely related field with Data Science specialization
- At least 3 years of experience building data pipelines in Machine Learning frameworks.
- Experience in Big Data and with data management platforms such as Hadoop/Spark
- Experience with Python (Work with images, videos and files)
- Experience in deep-learning libraries (Pytorch/Tensorflow)
- Demonstrated proficiency with Git version control systems
- Good verbal and writing capabilities in Hebrew and English
- Specific experience developing Computer Vision algorithms with machine learning / deep learning will be considered an advantage
- Experience working in a fast-paced agile environment will be considered a plus
- Experience with Linux.

What You'll Do

- Implement, maintain, monitor and improve data pipelines for deep-learning algorithm development and for data annotation platforms
- Prepare the data for Deep Learning algorithm development: design data requirements for experiments, build appropriate API for data usage, and management of the different experiments.
- Build and optimize automation software for deep-learning models development and evaluation.

- Manage database of images, vidoes, meta-data.
- Acquire and bring structure to data so that it can be used in existing and new data systems.
- Build tools that help translate insights into action at scale.
- Identify, define and translate business needs/problems into analytical questions.
- Design and execute experiments, models, algorithms, and visualizations
- Work in cloud/hybrid environments

What We Offer
- A culture driven to achieve our mission and deliver remarkable results
- Coworkers committed to collaboration and winning the right way
- Quality products that improve the lives of our customers and patients
- Ability to discover your strengths, follow your passion and find your own rewarding career
- Flexible, engaging work environment

At Asensus Surgical, we believe in contributing to a society that welcomes diverse voices and values differences in lived experiences, culture, religion, age, gender identity, sexual orientation, race, ethnicity, and neurodiversity. We are committed to ensuring this same environment for our employees – a culture where individuals feel safe, heard, and respected. We celebrate the uniqueness of our global workforce and know that only through inclusion, ongoing learning, and partnership can we succeed. Together we are all stronger.

Send your CV: mfrimer@Asensus.com