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Avocargo (Mechanical Engineering)

- Contribute to iterative design techniques for development of functional prototypes.
- Develop CAD and hands on prototyping skills.
- Research solutions for best storing a battery in a cargo bike.
- Participate in new projects in a start-up environment.

Dataconomy (Software Engineer)

- Work with developer to manage website (frontend and backend).
- Automate processes to achieve targets goals.
- Deepen understanding and application of coding languages.
- Develop analytical skills.
- Collaborate across departments for common goal.

Delphai (Data Science)

- Support of data retrieval: manual examination of internet sources (databases, webpages, news feeds), construction of preliminary scraping environments.
- Support of data analytics: cleaning of raw data, testing of inferential analytical models, experimenting with new analytical models, sanity check of model results.
- Design software infrastructures.
- Gain understanding of machine learning and statistical models.

Peregrine Technologies (Data Science and Machine Learning)

- Develop core image and sensor data analytics pipeline.
- Find and visualize correlations and dependencies in highly unstructured datasets.
- Design and implement a variety of efficient ML processing algorithms.
- Present results and insights of the work the core development team and participate in design thinking product cycles.
- Research to find alternative approaches to solving mobility related problems.

Senvo (Software Engineer)

- Support in designing data analysis pipeline.
- Help set up ETL processes for logistics data to integrate them into a unified data model.
- Configure the warehouse and connect it with reporting tools.
- Ensure the scalability, security, stability, and availability of the platform's data.

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Theo (Electrical Engineer)

- Refine Theo's URDF to allow for accurate data collection.
- Use Gazebo for robot simulation in a physical environment.
- Support in implementing object detection from lidar point cloud data on ROS.
- Ad-hoc hardware help.

Visseiro (Medical Mechatronics)

- Research and develop new features for the products.
- Develop CAD skills and better understanding of 3D design principles.
- Collaborate with team of software and hardware engineers.
- Learn to integrate and evaluate feedback continuously from users.
- Upgrade systems and processes.

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