

Job description: Tracking algorithm engineer

A.D Knight is changing the safety world, by saving lives and preventing road accidents between pedestrians, micro-mobility, and vehicles based on a novel RF sensing technology and signals classification. A.D Knight's solution is a real-time multidisciplinary system of systems platform.

We are looking for an algorithm engineer to join the band that will be responsible for developing tracking and prediction algorithms. If you are a top-notch algorithm developer with a passion to make a difference, come to lead the revolution with us!

What will you do?

- **Develop and research tracking and prediction algorithm of vehicles and pedestrians based on RF-based systems**

The must have

- BSc in Engineering or relevant field
- +5 years of experience in developing real-time location-based algorithms
- A very strong ability to dive into the unknown (theory) independently
- A high degree of self-motivation and ability to work independently
- A broad range of technology interests across different disciplines including computer and system architecture
- Background in at least one of these areas: RADAR / GPS / LiDAR
- Programming experience in Python and Matlab
- Experience in developing tracking and prediction algorithm

The nice to have

- MSc in engineering or relevant field
- Experience in radiolocation-based systems
- Experience in leading experimental work
- Experience in developing Neural network-based motion algorithms
- Programming experience in C/C++

Contact us at info@ad-knight.com