

You have a degree in computer science, physics, robotics or related fields and you are interested in

Sensor Fusion / Sensor Data Fusion (m/f/d)

About You and Your Profile

You are interested in sensor fusion for a broad range of applications.

According to software: You have practical experience in software development in one or more languages such as C, C++, C#, Python. You are familiar with git.

Extra points you get for experience in the following areas:

Image processing as well as AI / ML, GLSL / CUDA.

SLAM, Kalman Filter or sensor calibration.

Intrinsic calibration of inertial and optical sensors.

You are able to calculate inertial sensor offsets and to compensate scale and other effects in factor drifts in real-time applications. You have a basic knowledge of strap-down technologies where the inertial sensors are stiff mounted on vehicles. Some knowledge of inertial measurement systems (INS) and indoor positioning systems (IPS) would be useful as well.

PTX Use Cases

At PTX, we love vision tech.

- Our system operates without odometer or magnetometer.
- Our system operates without position information like GPS.

Personnel requirements

You are a team player.

We would appreciate if you would join our team in Berlin, Munich or Aachen.

Interested in this challenging position? Please send your application to ptx@ptx-tech.de.

Candidates who want to combine the task with an academic career are welcome.

More information about the company via www.ptx-tech.de