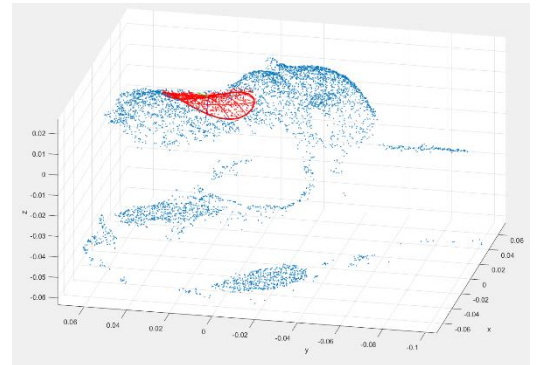**FIZYR**
Deep learning for
vision guided robotics

Computer Vision Engineer

Function Description

Work with other vision engineers to develop algorithms to solve complex 3D vision challenges for industrial applications. You will take the lead role with one or more customer projects, plus develop new technologies and algorithms. We work on Linux systems and develop mostly in C++ and some Python.

Activities

- Develop classification, detection, and segmentation algorithms
- Develop pose estimation algorithms
- Work with customers to understand their requirements and challenges
- Develop both prototypes and deployment-ready computer vision applications
- Select cameras based on requirements
- Calibrate camera and robot
- Contribute to the Fizyr toolset of vision algorithms

Requirements

- BSc level in computer science or relevant field; MSc is preferred
- Experience with developing computer vision algorithms
- Experience with programming in Python and C++
- Experience with computer vision libraries: OpenCV or Point Cloud Library
- Affinity with deep learning
- Team player with excellent communication skills
- Analytical thinking and pragmatic problem-solving capability
- Able to work independently and manage time

Nice-to-have

- Deep learning frameworks: Keras, TensorFlow, PyTorch, Caffe or MXNet
- Camera knowledge: stereo vision, structured light, time of flight
- Operating systems: Linux, ROS
- Mathematical knowledge (linear algebra, optimization algorithms)
- Version control with Git

About Fizyr

Fizyr integrates vision software into robot systems to handle objects varying in shape, size and color. Through our deep learning algorithm, robots learn to recognize and pick unknown objects autonomously. Equipping robots with Fizyr software frees hands from repetitive tasks and speeds up automated processes.

Fizyr is a young, fast-growing company recognized by world-class partners for the capabilities of our algorithms. We recently secured funding from a respected high-tech venture capital investor. With this capital, and to fulfill the high expectations of our customers, we are looking for a computer vision engineer to expand our team of bright minds.

Fizyr offers a job in an exciting, high-tech environment with an enthusiastic team of highly skilled experts. We are close to the research community and work on applications of state-of-the-art computer vision technology. Our applications work in production at large parcel services and e-commerce warehouses as well as a variety of other industries.

The Opportunity

Together with other members of the vision team you will be working with software developers and deep learning experts on developing our software solutions and implementing these on the robots of our industry partners. You will be able to contribute to open-source projects, both those maintained by Fizyr and those of third parties. See https://github.com/fizyr. You will have an influential role in the development of our software and vision algorithms.

The job allows you to grow personally and further develop yourself along with the growth of the company. Fizyr has a flexible way of working in line with personal choices. Fizyr is a recognized sponsor for regular labor and highly skilled migrants.

The salary for this position strongly depends on your experience: Indication: €52k gross per year, pension plan, travel expenses, training opportunities, etc. As a fast-growing scale up, Fizyr has an attractive stock option plan.

How to Apply

Candidates interested in this job opening are invited to send their CV and motivation letter to career@fizyr.com.