



### About the assignment:

#### Местоположение

Каunas, Литва

#### Rate (after tax)

€2000 - 3000/Month

#### Срок

Полная занятость

#### Extension (project)

No

#### Remotely (optionally)

Yes

#### Expire On

2022-10-31 (3 дня назад)

# Computer Vision Software Engineer

## HITCONTRACT

[hitcontract.lt](https://hitcontract.lt)

Vilnius, Литва

This assignment expired :when

### Description

Our client - **Rubedo Sistemas** combine self-driving robots, computer vision technology, and software engineering skills into novel B2B solutions and services for the manufacturing, transportation & logistics, and medical device industries. In their software consultancy hat, they tackle hard problems for clients who need a targeted, senior team to come in and provide specific solutions.

Currently, they are seeking an experienced Software Engineer to join the development of the system to enable Surface Image Guided Radiation Therapy (SGRT). At the core of the system lies a non-ionizing imaging technique to help guide patient positioning under the linear accelerator during setup, monitor intra-fraction patient motion, and guide gated radiation treatment deliveries.

#### About The Role:

Your goal will be to develop high-quality imaging software that is aligned with user needs and business goals and can be integrated into a medical device. You should be able to work independently with little supervision. You should have excellent organization and problem-solving skills. They expect you to prioritize well, communicate clearly, have a consistent track record of delivery and excellent software engineering skills. You

should seek to ensure that software deliverables comply with the set quality standards and are completed on time.

### **Main Responsibilities**

- Work in a distributed team (LT, SE) within a controlled R&D process
- Design and develop efficient and fail-safe algorithms suitable for medical devices
- Analyze and implement image processing methods, including machine learning (ANN, evolutionary algorithms, reinforcement learning)
- Process images of various modalities (2D/3D optical, 3D TOF, 3D LIDAR)
- Deploy various concepts of mathematics and physics
- Participate in software project planning

### **Requirements**

- Master of Science degree in Computer Science or similar, alternatively a comparable industry career with a proven track record of successful projects
- Proficient in C/C++
- Excellent object-oriented programming and design skills
- Experience developing reusable public or private APIs
- Passion on cutting edge computer vision/machine learning technologies
- Excellent problem solving and communication skills
- Keen to learn new things and have a can-do or will-do attitude
- Fluent Lithuanian and English

### **Bonus Points**

- Experience with acceleration on SoC or/and GPU
- Experience with Linux/UNIX, CUDA, OpenCV, PCL, Google protocol buffers
- Experience with vision systems, cameras e.g. GigE Vision

### **Benefits**

- Flexible work hours, remote work opportunity
- Professional growth opportunities (training courses,

conferences, business trips)

- Individually tailored motivational system including private health insurance
- Excellent working environment to expand your knowledge and professional skills
- A friendly, supportive, and well experienced international team
- Competitive salary\* and performance-based bonuses



## Required Skills

PROGRAMMING  
C++ 3-4 years