Evgeniia Slepynina

Software Engineer

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[LinkedIn](#)
[Scopus](#)

Employment history

Research Engineer, MRROBOT
December 2021 - September 2022

Research in the field of mobile robotics. The main goal was to develop an autonomous platform for territory monitoring. Part-time

Main achievements:
- designed control system structure
- realized parameter-server node (for ROS2)

Duty and requirements:
- technical tasks formulation
- development of software (C/C++)

Skills: C · Mobile robotics· ROS2

**Software Engineer/
Robotic Engineer,
Zyfra Company**
November 2019 - October 2021
www.zyfra.com

Mobile robot software development and implementation (autonomous trucks control systems).

Main achievements:
- designed and developed elements of control system structure
- as the part of the team developed and implemented software modules
- as the part of the team designed and realized HIL testing platform
- 3 Patents

Skills: C++ · Python · ROS · Automation Studio · Mobile Robotics · Gitlab · Jira · Agile · Scrum

**Lecturer/Senior Lecturer,
Russian Tecnology University
MIREA**
September 2016 - September 2022

Duty and requirements:
- teaching the course on Simulating and modeling autonomous mobile robots behavior
- scientific research in the field of autonomous control systems (mobile robots and manipulators), including design, software development, participation in conferences

Main achievements:
- created and implemented the course plan
- as the part of the team designed and developed several research projects (robot bass guitar player, multi-agent group of quadrocopters theater show, etc.)

Skills: C ·C++·Python·Unity·Robotics· Research

Education

September 2016 - June 2019

Postgraduate Student
Russian Tecnological University - MIREA
Systen analysis, control and data processing

September 2014 - June 2016

Master of Science
Russian Technological University - MIREA
Mechatronics and Robotics

September 2009 - June 2014

Bachelor of Technology
Russian Tecnological University - MIREA
Automation and Control

General Skills

Linux; Git; Agile; Jira; Scrum

C/C++; Python; ROS; ROS2; Control Systems; Algorithms; Kinematics; Unity; RViz; Automation Studio (B&R); Real-time systems