Almaty, Kazakhstan

GRASHIN DMITRII

+7-777-031-79-42
grashin.dmitriy@gmail.com

EMPLOYMENT

Analyst **Scientific Park SPbU, Saint-Petersburg** **2018 – 2019**

- Development of methodologies for reservoir analysis to control the development of reserves of oil and gas fields

R&D Engineer **Siemens Russia, Saint-Petersburg** **2020 – 2022**

- Development a system to reconstruct model from images to transfer real textures to polygonal model
- Research on methods to define objects coordinates in manufacture from camera
- Research and development on analysis of industrial data

R&D Engineer **Siemens Kazakhstan, Almaty** **2022 – now**

- Development a system to detect artificial changes from satellite imagery

EDUCATION

Saint-Petersburg, Russia **Saint-Petersburg State University** **2017 – 2021**

- Bachelor degree in Mathematics and Computer Sciences, 2021
- Thesis topic: “Photogrammetric methods for transferring an image from the surface of a real object to an ideal model”

SKILLS

- Computer vision: strong knowledge of image processing algorithms and experience in practical application
- Programming experience in Python, C++, Matlab
- Data analysis: experience in machine learning algorithms, neural networks
- Math: strong knowledge algebra, probability, statistics, numerical methods and mathematical modeling

ADDITIONAL EXPERIENCE AND AWARDS

Publications

- Grashin D. DETERMINATION THE TEXTURE SIZE FOR THE RECONSTRUCTED MODEL IN AGISOFT METASHAPE APPLICATION. Control Processes and Stability (CPS'21), 2021, ISSN: 2313-7304, P. 259-264.

Awards

- Prize-winner of the start-up competition in Laboratory <5G_Dream_Lab>, SPbU, 2021