Dmitrii Abramov
SOFTWARE ENGINEER

location: Saint Petersburg, Russia
phone / telegram: +7 999 227 15 45
e-mail: dmitrii.abramov@outlook.com
github: github.com/karvozavr
                    LinkedIn

Education

2016-2020   **Higher School of Economics**, Saint Petersburg, Russia
Bachelor of Science in COMPUTER SCIENCE

Work experience

Summer 2019

Deutsche Bank Technology Centre
Software Engineer at Test (intern)
Designing, creating and enchancing testing tools for several Bank projects.
I've been working with such technologies as: Spring, Apache Kafka, Oracle DB, Cucumber BDD, Angular.

2017 - Now

Summer Informatics School, Russia
Teacher
Teaching Python, algorithms and data structures to high school students.

Projects

April-May 2017

ROS Map Generator (github)
I have implemented tool for generation of random maps, which represent environment used for robots' navigation systems in ROS project (open source robotic software). Generated maps are being exported to specific format that can be used with ROS map server. The resulting generator tool can be used for testing SLAM algorithms. Project implemented in C++14.

Fall 2017

CityQuest (github)
This is a service for outdoor quests in reality. I've been managing teamwork process and implemented Android application for passing quests. I used Google Drive API and Google Auth for user accounts system and storing and sharing user progress. App supports various types of quest task and it's functionality can be easily extended. The entire app is implemented using Java and Android API.

Spring 2018

Dota Deep-RL with demonstrations (github)
This is a research project about how deep reinforcement learning with demonstrations method may be applied to a complex environment like Dota 2 game.

October 2018 -
May 2019

After Effects PinTool plugin
As a part of KeenTools team, I've been implementing version of PinTool plugin for Adobe After Effects. I've implemented integration with After Effects, custom rendering engine and positioning system.

Spring 2019

BIOCAD intelligent production scheduling
I've participated in Hackuniversity (All-Russian University Hackathon). The project of my team was creating the tool for production schedule optimisation and schedule management. I've implemented data processing, schedule building algorithm, backend in Python and deployed it in the cloud (AWS) along with Postgres DB.

Skills and Technologies

Used in projects:
Java, Kotlin, Spring, Python, SQL, C++.

Classroom experience:
Scala, Haskell, OCaml, C, Bash, Android, AWS, x86 Assembly, Go, JavaScript, HTML/CSS.

Tools:
Docker, Git, Tensorflow, Linux, Jenkins, LaTeX.