KARINA ANISIMOVA

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EDUCATION

▶ Higher School of Economics
Currently pursuing bachelors degree in applied mathematics and informatics **2019-2023**

RELEVANT FIRST-YEAR COURSEWORK:
Programming courses: algorithms and data structures, C++, programming paradigms and languages overview, UNIX operation system.
Math courses: calculus, discrete mathematics, abstract algebra, mathematical logic.

▶ Academic Gymnasium SPBU (State Exams: Mathematics $\frac{98}{100}$, Informatics $\frac{100}{100}$) **2015-2019**

PROJECTS

▶ **MIND MAP**
Task: mind map application (eg mindmeister)
My work: GUI (drawing a graph and its changes), support for various shapes of vertex, functions for working with the users.
Tools: C++, Qt
GitHub: Mind Map

▶ **GRAPH BUILDER ROBOT (duckietown)**
Task: drive around the entire map in adequate time and display the road graph
My work: algorithm development, improve color recognition in different light.
Tools: python, ROS, OpenCV
GitHub: Graph builder robot

ADDITIONAL EDUCATION

▶ Winter mini-degree program in STEM. JetBrains Research and MIT **Jan 2020**
Two-week program included: linear algebra and calculus, electricity and simple circuits,
computer vision fundamentals, programming (based on python), introduction to robot programming with ROS, project development with Duckietown.

▶ Winter Olimpiad School MIPT **Jan 2019**
Two-week programm included: binary search, graph algorithms, sorting, math, vector geometry

TECHNICAL SKILLS

▶ **Languages**: C++, C, Python, LaTeX, PascalABC, Haskell

▶ **Tools**: STL, GitHub, SVN, Make, ROS, OpenCV, QT, Git

LANGUAGES

▶ Russian (Native)

▶ English (Intermediate)