KARINA ANISIMOVA

Saint-Ptersburg, Russia
Mobile No.: 89657520155
Email-id: anisimova5005@gmail.com
GitHub: kira5005-code

EDUCATION

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

  RELEVANT COURSEWORK:
  Programming courses: algorithms and data structures, C++, programming paradigms and languages overview, UNIX operation system, functional programming (Haskell)
  Math courses: calculus, discrete mathematics, abstract algebra, mathematical logic, formal languages

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

PROJECTS

- **TETRIS BUILDER,** ***2 participants***
  Task: mobile app for playing Tetris with gravity
  My work: Creations of an interface for comfortable user interaction, support for various extensions, game process (pause, settings, levels)
  Tools: GDScript, C++
  GitHub: Mind Map
- **MIND MAP,** ***3 participants***
  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),** ***4 participants***
  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
- **TIC-TAC-TOE**
  Task: console tic-tac-toe 10 by 10, use MVC (model-view-controller), unit-testing
  Tools: C++
  GitHub: Tic-tac-toe

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, dynamic programming, string algorithms

TECHNICAL SKILLS

- **Languages**: C++, C, Python, Haskell, Bash, LaTeX
- **Tools**: Linux, Git, SVN, Make, CMake, ROS, OpenCV, QT, Godot Engine, docker, GDrive CLI

LANGUAGES

- Russian (Native)
- English (Intermediate)