Baykalov Vladimir

Personal Information

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Education

Bachelor degree at ITMO University — **September 2017 - June 2021**

Computer science major (Applied math and programming) — **Current GPA: 3.83 / 4.0**

Huawei Machine Learning course — **September 2019 - June 2020**

Courses for Computer Science students at ITMO University

Patterns courses at Wärtsilä — **October 2019 - January 2020**

C++ basic patterns and it's application

Professional experience

Huawei Research and Development Dept. ITS Team. ML engineer — **March 2020 - Present**

Stack: Python, C++, OpenCV, YOLO, Mask RCNN
Developed an algorithm for vehicles trajectory prediction using radar data only

Huawei Internship. OS Team. Intern engineer — **December 2019 - March 2020**

Stack: C++, Vulkan API, GLSL, Python
Implemented a shader approach for processing half-transparent materials

Lecturer at ITMO Academy — **September 2019 - June 2020**

C/C++ courses for high school students

Technical skills

Proficient

Python, C++

Advanced

PyTorch, Tensorflow, OpenCV, Scikit-image, Git, Bash

Experience with

Java, Kotlin, SQL, Haskell, Qt framework

Projects and achievements

2020

Got a Huawei scholarship for prospective students in Machine Learning sphere

File manager + vcs system
Stack: Haskell
Project link: *github.com/NonameUntitled/Haskell-VCS*

2019

UI Grep-like application
Stack: C++, Qt, Multithreading
Project link: *github.com/NonameUntitled/itmo-cpp-course/tree/master/FileWalker*

Client server application with multiplexing
Stack: C/C++
Project link: *github.com/NonameUntitled/os-net-multiplexing*