

Monakhov Daniil

Personal Information

✉: d.monakhov0@gmail.com

🌐: <https://github.com/Kvel4>

📍: Kvel4

Education

Bachelor Degree in Applied Mathematics and Informatics

2019 - 2023

ITMO University. GPA 4.1/5

HSE Lyceum

2017 - 2019

Mathematics and Informatics specialization

Several programming bootcamps

August 2018, August 2019

Algorithms and Data Structures bootcamp (LKSH); Java backend bootcamp

Technical skills

Proficient

Java, Kotlin

Advanced

Haskell, Python, Concurrency enjoyer

Experience with

C++, JS, Bash, Sklearn, Spring, ANTLR

Projects and achievements

2021

Translation Methods [link]

Description: Generates parser from provided LL1 grammar. Detailed description exposed in the github repository.

Stack: Java, Kotlin, ANTLR, KotlinPoet, GraphViz

Parallel programming [link]

Description: Lots lock-free data structures and another concurrency concepts.

Stack: Kotlin

Haskell [link]

A small functional language interpreted into haskell. Detailed description provided in the github repository.

Stack: Haskell, STL libraries

JarImplementor. [repository link] [code link]

Description: Generates class template with overridden ancestors's methods

Stack: Java

WebCrawler. [repository link] [code link]

Description: A multithreaded solution for recursive downloading web site and all links within

Stack: Java

2020

MRZ Decoder. Second place in TulaHack [link]

Description: A Hackathon solution that provides both algorithm and UI for MRZ code extraction.

Stack: Python, OpenCV, Java

2019

Winner at "Information Technologies" olympiad