Monakhov Daniil

Personal Information

✉: d.monakhov0@gmail.com

⌖: Kvel4

⌂: https://github.com/Kvel4

Education

Bachelor Degree in Applied Mathematics and Informatics   <u>**2019 - 2023**</u>

ITMO University. GPA 4.1/5

HSE Lyceum   <u>**2017 - 2019**</u>

Mathematics and Informatics specialization

Several programming bootcamps   <u>**August 2018, August 2019**</u>

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

Technical skills

Proficient

Java, Kotlin

Advanced

Haskell, Python, Pandas, Git

Experience with

C++, JavaScript, Clojure, Sklearn, Servlet api, Freemarker, JDBC, Bash, Spring, ANTLR, KotlinPoet

Projects and achievements

2021

Translation Methods [link]
Description: Generates parser from provided grammar. Detailed description in the github repository.
Stack: Java, Kotlin, ANTLR, KotlinPoet, GraphViz

JarImplementor. [repository link] [code link]
Description: Generates class template with overridden methods from ancestors for correct compilation
Stack: Java, Reflection api

Haskell [link]
Detailed description in the github repository.
Stack: Haskell

WebCrawler. [repository link] [code link]
Description: A multithreaded solution for recursive downloading web site and all links within
Stack: Java, Concurrency

HelloUDP. [repository link] [code link]
Description: A multithreaded client-server application
Stack: Java, Concurrency

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