ELIZABETH KUNYAVSKAYA

JUNIOR JAVA DEVELOPER

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E-VERSION
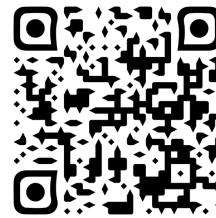
EXPERTISE

PROGRAMMING LANGUAGES

Java   Kotlin   C   Bash   VBA   SQL

TECH SKILLS

Spring, j2ee, OkHttp, PostgreSQL, Git, jUnit, TestNG, Maven, Gradle, Docker, FireBase, Swing, Groovy, Sap, HTML, OpenCl, SDL2, Unix

KNOWLEDGE

English (Intermediate), French(Pre Intermediate).
Jira, Jenkins, Sonar, WildFly, MVP, Rest API

WORKING PROJECTS

PARTNER CHANNEL

A system for placing applications by Partners and processing leads from corporate business of subsidiary banks.

COMPAS

Mobile application for tablets for organizing the work of field managers with key clients.

Tasks
- code coverage with uni-tests (testNg, powerMockito, Mockito)
- writing autotests
- handling POST / GET requests in code
- connection of the jetty server,
- project assembly, uploading to the server from Wildfly
- setting up jenkinsJob to upload new library to Nexus
- update of integration adapters
- coding additional options (product filtering, new product parameters, etc.)
- creating "reference books" (rolling using liquibase), connecting and working with "reference books" in the code (sql injections)
- bugfixing
- refactoring

C PROJECTS

LS

An analogue of the basic function ls. The following flags are implemented: -R, -l, -a, -C, -r, -t, -1; and correct output to file.
Folder traversal is implemented by recursion.
Sorting is done by the merge method.
To optimize speed, the output to the screen is implemented with one write.
The work was carried out in a team of two people.

FRACTOL

Visualization of various fractals: Carpet, Julia, Mandelbrot, Mandelbar, Burning Ship, Celtic Mandelbrot, Celtic Mandelbar
In the program from the keyboard, you can select: fractal type, color scale, number of display iterations. Also, using the mouse, you can zoom in on the image at any point.
For speed optimization pthreads are used. Graphics library: mlx.

RTV1/RT

The project consists of two stages:
1. Reading scene from file in xml / json format is implemented and the drawing of figures on the "scene" is mathematically calculated. (performed single-handedly)
2. Visual effects, like drawing pictures on shapes, cropping shapes, reading and drawing polygonal objects, path-tracing, anti-aliasing is implemented. (team work)

EDUCATION

Programming school 21 (Ecole42)
📅 2019 - 2022   📍 Moscow

Novosibirsk State University
Bachelor degree
Faculty of Mechanics and Mathematics.(Applied math)
📅 2008 - 2012   📍 Novosibirsk

WORK EXPERIENCE

- 2020 JUN-present   Sberbank   development engineer;
- 2018 - 2020   freelance   translations, tutoring;
- 2014 - 2018   Sberbank   HR analyst;
- 2012 - 2013   Bank Trust   Comp.&Benefits specialist;
- 2012 (APR - AUG)   GK Rolf   HR analyst;
- 2010 (JUN - SEP)   Bank "Interaction"   Intern in financial department.

JAVA PROJECTS

TIC TAC TOE

The classic game of tic-tac-toe, implemented a visual interface (Swing library) and the option to select an opponent - a person / computer. In computer mode, the probability of winning in each cell is calculated, the cell with the highest probability is selected.

SIMPLE ENGINE SEARCH

Easy telephone directory. Search in a file structured like a notebook. The program indexes the transmitted data, which speeds up the search. Also in the program you can choose different strategies for data output.

BUDGET MANAGER

Program for budgeting. Loading data from a file and adding costs to different categories are implemented. You can also sort and view data by different categories.

DOG DOCS

Android application (in Java) for storing information about a pet (dates of vaccinations, protection against ticks)
The application implements uploading photos, calendar and reminders with the selected frequency. The data is stored inside the application (db h2).

FT HANGOUTS

Android application (in Java) stores the contacts with photos, sends and receives messages.

ADDITIONAL COURSES

TASKS (SQL)
🔗 www.sql-ex.ru

TASKS (JAVA, KOTLIN)
🔗 hyperskill.org, geekbrains

TASKS (JAVA), (30 OUT OF 35)
🔗 javarush.ru

ALGORITHMS
🔗 coursera