Ran Yehoshua

Personal info

- Email address: - yehoshua60@gmail.com
- Phone number: 050-4249988

- My-Website: https://ranjoshua.github.io/portfolio
- Linkedin: https://www.linkedin.com/in/ranyehoshua
- Github: https://www.github.com/ranjoshua

- Looking for part-time/student position.

Education

2017 - present

The College of Management Academic Studies
Israel

B.Sc. Computer Science

Average Grade: 87

Relevant skills

Languages: JAVA, C, C++, JavaScript, HTML5, CSS3, SQL
Back-end: Spring-Framework / Spring-Boot, Hibernate, Maven, Tomcat
Databases: MySQL \ SQL-Server, MongoDB, Neo4J
OS & Workspaces: LINUX, Windows, Eclipse, Visual-Studio
Misc: Networking & Protocols, Multi-threading, Design-Patterns, MVC, REST-API, Data-Structures, OOP, Linux-shell, XML, JSON, JavaFX

Courses and academic achievements

(Java) An Interpreter for new programming language
Multi-threaded project in which I've implemented an Interpreter that decodes a script full of instructions. I followed the princples of SOLID and GRASP to Implement complex design-patterns, algorithms and client/server architecture.

(Java) A server that finds the cheapest path in a weighted graph
A project in which I've implemented a problem-solving server, that recieves problems that can be represented as a graph. The server converts the client input to searchable(graph) and returns solution either in O(1) if there's solution in cache, or in O(nlogn) at worst-case, using Best-First-Search algorithm.

(Java) Desktop application in MVVM architecture with JavaFX / A controller for flight-simulator
- Used Data-Binding and MVVM with Observer-Pattern.
- Multi-threading.
- Virtual joystick and sliders for manual-control of the airplane.
- Autopilot mode - provides the client with a mechanism that flies the plane independently.
- Map that represents the simulator space, airplane position and destination.
  The app provides the user with a feature to get cheapest path from the airplane position to the desired destination and represent the solution on the map.

Introduction to Computer Science Final Grade: 100. **(C Language)**

Object-Oriented Programming Final Grade: 100. **(C++)**

Languages

English - Highly proficient.

Hebrew - Native speaker.