Ran Yehoshua

Personal info

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

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

- **Looking for part/full time position.**

Education

2017 - present

The College of Management Academic Studies	**B.Sc. Computer Science**
Israel	Average Grade: 87

Relevant skills

Back-end: Java, C/C++
Front-end: JavaScript, HTML, CSS
Databases: SQL, Neo4J(Cypher, Java Embedded), MongoDB
OS: Linux, Windows
Misc: Networking & Protocols, Data-Structures, Design-Patterns/MVVM/MVC, OOP, ORM, Hibernate, Multi-threading, Linux-shell, XML, JavaFX

Courses and academic achievements

(Java) An Interpreter for new programming language that controls Flight-Simulator game.

Multi-threaded project in which I've implemented an Interpreter that decodes a script full of flight instructions. Additionally, I've implemented a client-side that injects the flight instructions to the simulator, and a server-side that recieves the flight data parameters from the simulator.

(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

An app that connects my previous projects together and adds features:

- Used Data-Binding and MVVM with Observer-Pattern.
- Virtual Joystick for Manual-Control of the airplane.
- Autopilot mode that use the interpreter I've implemented.
- Graphic-map that represent the airplain position, destination and simulator map.
- Calculate Path feature: calculating the cheapest path from the airplane position to the desired destination and represent the solution on the map.

Introduction to Computer Science	Final Grade: 100.
Object-Oriented Programming	Final Grade: 100.

Languages

English - Highly proficient.

Hebrew - Native speaker.