


Coral Avital

Software Engineer Student

Personal Details

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 Coral-Avital

 coralavital

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My name is Coral Avital. I am a fourth year software engineer student specializing in artificial intelligence and data analysis. I am proficient in the following programming languages and technologies: JavaScript, HTML, CSS, Python, CPP, Java, ReactJS, Redux-Saga, Git & Node.js.
I have a strong passion for programming. I am hardworking and dedicated, self-taught, eager to learn, develop and implement new technologies. Looking for my foothold in the world of programming.
I have built over 5 projects as part of my learning process.

Programming Experience

- **Pets-Nanny-** The system is written in ejs and aims to connect people who have animals with people who are interested in providing an animal care service. The system includes an authorization and login process, scheduling management and the option to order a service. The system uses firebase as the database where the data is stored and is based on EJS, CSS and JS.
- **Covid19-Simulation-** This is a simulation of the Covid19 epidemic. The project includes OOP and GUI, Multi-threading and Design-patterns. Java based.
- **House-price-prediction-** A model that aims to predict home price prediction using KNN and linear regression. The system is Python based.
- **Pack4u-** A platform for travel agents, designed and implemented from scratch in the waterfall methodology. Role-based user authentication, agent, and user communication. The system is based on CPP.

Skill Highlights

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| • Self-disciplined | • Creative thinker | • Great communication skills |
| • Fast learner | • Great team player | • Excellent hands-on development skills |
| • Autonomous work capabilities | • Positive attitude | • Self-driven, extremely motivated |
| • Out of the box thinker | • Hardworking | • Committed and proactive |
| • Complex problems solver | • Excellent interpersonal skills | • Attention to details |

Education

2019-today – B.Sc. in Software Engineering at SCE - Shamon College of Engineering.

Main Courses:

- Java: advanced object-oriented programming including design patterns
- C++: object-oriented programming
- Principle of programming language
- Algorithms and Data structures
- Testing and software quality that included building test scripts including detailed writing of STD, STP, running tests on a few products and applications on (Android) Mobile and browsers (Chrome, Firefox, IE).
- Actual experience in the testing processes including testing the tests in TestRail, debug reports in Jira and issuing STR.

Military Service (2013-2016)

Criminal Investigator, IDF

- Drafted as part of a classified unit in the Southern Sq.
- Behavioral analysis, criminal and penal laws, and aerial photography analysis.
- Investigated high-ranked officers in collaboration with the UN.

Languages

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| • Hebrew – Native Speaker. | • English – High Proficiency. |
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