Igal Rubin | Software Engineer

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Summary

- Computer Science Student (GPA: 86), one semester left. Available to work up to 5 days a week.
- Experienced in JavaScript, Python, C++, Java and Linux OS (Ubuntu).
- Experience with object-oriented design, data structures, problem-solving through algorithms and complexity analysis, independent with strong skills in debugging and self-learning.

Skills: JavaScript, Python, Java, C/C++, Data Structures, Algorithms, SQL, HTML, CSS, React.js, Node.js, Express.js, Redux.js, jQuery, SASS, PostgreSQL, MongoDB, Mongoose.

Education

2022 - Today   B.Sc. Computer Science, The Open University of Israel

Expected graduation: February 2025 | **GPA: 86**

Key Courses: Systems Programming Laboratory (99) | Automata and formal languages (100) |

Operating Systems (100)

Technological Projects:

Custom Language Complier: [GitHub Link](#)

As part of my coursework at my university, I had the invaluable opportunity to embark on a challenging and enriching project to develop a compiler for a custom programming language called. The goal of this project was to create a fully functional compiler capable of translating human-readable source code written in the custom language into executable machine code.

Key skills: C, VMWARE Workstation, Linux/Unix

Dining Philosophers Problem: [GitHub Link](#)

The Dining Philosophers Problem is a classic synchronization and concurrency problem that explores challenges in resource sharing and deadlock prevention. In this project, we aim to simulate the Dining Philosophers scenario using Java and JavaFX, providing a visual representation of the problem.

Key skills: Java, JavaFX

Work experience

2014 – 2015   Marketing Research, "Ziv Manor"

- Conducting research and analysis of data using Excel.
- Using data to identify and define audiences.

Languages: English - Proficient | Hebrew - Native