Tomer Elal

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Summary

Third year student with experience in a variety of languages & technologies, looking for a student position as a software developer. Team worker, creative, autodidact, quick learner and inquisitive to learn more about the technologic world.

Education

The Hebrew University of Jerusalem – (**2021 – Current)**
- Bachelor's degree in Computer Science – 2nd year, Expected graduation - 2025
- **GPA – 87**
- Honors scholarship recipient from the Hebrew University

Wingate Institute Diploma – Personal Trainer (2020 - 2021) Completion of the course with excellence

Personal projects

- **A project for predicting hotel reservation cancellations through the Agoda company** - as part of the hackathon in the field of **machine learning**, we created a Python program that uses the "sklearn" library so that when a hotel reservation is given, the program makes a prediction whether the reservation will be canceled or not. We performed the learning phase with the help of the Adaboost algorithm using the cross-validation method.
- **A project of building a computer as part of the Nand2Tetris course** - as part of the course I built a computer starting from basic Nand gate chips to building a processor, memory, input components, etc. I also wrote an assembler, compiler and a basic operating system in Python.
- **Computer games in the Java programming language** - games like Bricks or Super Mario that walks in an infinite world, object-oriented programming that uses third-party libraries.

Skills & Relevant courses

- Python
- C, C++, C#
- Java, JavaScript
- SQL
- HTML & CSS
- Object Oriented Programming

- **Algorithms**
- **Introduction to computer science**
- **Introduction to Machine Learning**
- **Operating Systems**
- **Data Structures**
- **Computability & Complexity**
- **Nand2Tetris**

Experience & Military Service

- **Web Developer** at "RESULT MEDIA" (2019 to 2021) - Design and creation of websites in JavaScript as well as client-server side development
- Israel Border Police, Combat Commander (2014 – 2017) - The position required **leadership** skills and **teamwork**, Holds two certificates of appreciation and distinction from the Chief of Police.

Volunteering

Actively volunteering at "AHARAI!" organization - renovating houses of Holocaust survivors and elderly people