

# MORDAKHAY NETANEL

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Highly motivated Software & Information Systems Engineering student with a passion for programming. Adept autodidact, actively expanding my skillset and staying current with trends. Energetic and thrive on challenges, motivated by the ability to create, overcome obstacles and contribute to a collaborative team.

## EDUCATION

### Software and Information Systems Engineering | Ben-Gurion University of the Negev

2021 – PRESENT (EXPECTED 2026)

**RELEVANT COURSES:** Data Structures, Algorithms, Advanced Programming, Analysis and Design of Software Systems, Machine Learning, Software Quality Engineering, Intro to Computing Systems, Databases.

### Pre-Academic Studies, Engineering and Exact Sciences | Ben-Gurion University of the Negev

2020 – 2021

## PROJECTS

### 'MazeStory' Maze Generator Game | Java

Maze generator game built using Java and JavaFX, implementing SOLID principles, common search algorithms, design patterns and server-client multithreading.

### Retail Food Chain Management System | Java

Developed a Java Swing app to manage inventory & suppliers for retail food chains (team project). Leveraged Java & SQLite for efficient data & UML diagrams for design.

## SKILLS

- **SKILLS:** Python, Java, JavaScript, Typescript, C#, C, C++, SQL, HTML5, CSS, React, Design Patterns
- **EXPERIENCE WITH:** Linux OS (Bash scripting), Git, MVC and MVVM Architectures, SceneBuilder, JUnit 5, Mockito, Selenium, SOLID Principles, OOP, UML, Maven, Matplotlib, pandas.

## WORK EXPERIENCE

### Python Instructor | Nitzanim

2024 - PRESENT

Python instructor in the 'Nitzanim Pro' program for high-school students, focusing on practical skills in Full Stack and Machine Learning.

### Private Tutor | 'For the Pupils' non-profit

2023 - 2024

Volunteered tutoring high schoolers impacted by the October 7th attack in math, physics and computer science.

### Asst. Operations Officer | IDF, Special Operations Unit

2015 - 2018

Recognized with a unit commendation for outstanding performance and dedication to duty.

## LANGUAGES

- **HEBREW** (NATIVE), **ENGLISH** (FLUENT), **RUSSIAN** (BASIC)