

Jeremy Reiner

Full Stack Developer

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[Github Profile](#) | [LinkedIn profile](#)

SUMMARY

Experienced Full-Stack Developer with a passion for metrics, and beating former “best yet”. Experienced in database management, data structures, and web development. Advanced social skills, leadership, and high level proficiency in spoken/ written Hebrew.

TECHNICAL SKILLS

Python, SQL, Django, Javascript, HTML5, CSS3, OOP, NumPy

TECHNICAL PROJECTS

Conway's Game of life | [Github Repository](#)

This is a no player game, meaning that its current evolution is determined by its initial state. One interacts with the game by creating an initial beginning state and observing how it evolves.

- Iterates through a 2d numpy array to find neighboring cells and counts the number of live cell neighbors.
- Using the same iteration for neighboring cells, the program rebuilds the next board cycle according to the rules of the game.
- The game continuously runs and adapts by comparing its current iteration of the board to the previous iteration of the board.

Enigma Encryption Machine | [Github Repository](#)

This is a machine designed in WWII, and is often referred to as the most powerful encryption device of its time. It uses multiple objects that work together for encryption and decryption purposes. Objects such as a rotor, a reflector, and a plug board.

- Unique use of OOP, and mathematical problem solving.
- Unit testing for functionality of encryption, decryption, and rotor rotation indexings

EXPERIENCE

IDF - Israeli Navy

Israel 2017-2021

- Computer Systems Analyst
 - Analyzed data requirements and operating methods for smart weapon Raphael technologies.
 - Provided program parameters and/or approved computer programs.
 - Studied and evaluated systems functions and capabilities.
- Weapons Mechanic
 - Responsible for servicing and maintaining the ships weapons to ensure that they were fully operational at all times.
 - Part of the position was to plan, organize, and perform every service necessary to keep these systems in pristine working condition so they were ready when needed.
- Mechanical Systems Installation Officer
 - The primary responsibilities of this position are assembling, installing, dismantling, troubleshooting, maintenance, and conducting repairs on smart weapons system chain-gun; Bushmaster 242.

EDUCATION

CS50 Web Programming with Python and Javascript

Harvard University

2021

Full Stack Python Web Development

Developers Institute

Tel Aviv, Israel

2021

BA Psychology

Ellensburg, Washington, USA

LANGUAGES

English - Native | **Hebrew** - Native level