

# Keren Cohen

## Software Developer

**Driven B.Sc. Computer Science Graduate and 8200 Alumnus, looking for a Software Developer roll.**

First started programming at the age of 14 with C# .NET. Driven by solving complex problems, delivering high-quality code, and motivated by new technological challenges.

## Skills

### Programming Languages

- C#
- TypeScript
- JavaScript
- C++
- C
- Python
- Go

### Tech Stack

- SQL
- Docker
- React
- Node JS
- GIT
- Linux, WSL, Ubuntu
- CSS + HTML
- REST APIs + Postman
- Unity
- Prometheus
- Wireshark

### Volunteering

- Yozmot Organization – Delivered tech lectures on information security and cyber threats during the Iron Swords War.
- QueenB - contributing to events that empower women to pursue computer science careers.

### Languages

- English - Fluent
- Hebrew - Native



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[Linkedin](#)



[Github](#)

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## Education

### Academic College of Tel-Aviv, Yaffo

2021 - 2024,

B.Sc Computer Science

**Most Liked Courses:** Algorithms: 100, Data Structures: 92, Object-Oriented Programming (OOP): 95

### 8200 Unit

2017 - 2019,

Military trainings

- 8200 Cyber Threat Course
- Data Analyst Course
- Commander Course

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## Projects

**PromLink** — An open-source contribution project to Prometheus, written in Go, integrating the Alertmanager component with chat apps like Mattermost and RocketChat through their APIs. The project leverages technologies like Go, Linux, and Docker to ensure seamless deployment and operation. [Link](#)

**Neural Network** - Developed a fully connected feed-forward neural network from scratch in Python. The project incorporated multiple activation functions (Sigmoid, ReLU), weight initialization strategies (Naive, Xavier, He), and optimizers (Gradient Descent, Momentum) to achieve high accuracy. [Link](#)

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## Experience

### One Taldor / PMO – data and network projects

2023 - 2024,

Led data optimization and network infrastructure projects. Contributed to a PMO team overseeing Streamlined Distance Learning during the COVID-19 pandemic

### Big Idea / Tech instructor

2019 - 2020,

Conducting tech workshops at the JCC ( USA Jewish Communities) teaching - Programming, Robotics, Desktop App Development and Gaming Workshops.

### 8200 Unit / Cyber Threat Analyst

2017 - 2019,

Led cybersecurity research and data analysis, collaborated with Israeli and international intelligence organizations, and commanded a cybersecurity training course.