

# Dor Srór

## Software Developer

Hard-working and ambitious 4th year B.Sc. computer science student looking to use my skills and knowledge as a software developer or cybersecurity intern. FIRST robotics alumni and mentor. Intending to pursue a M.Sc. in computer science with focus on cryptography and security.

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## EDUCATION

### B.Sc. Computer Science Bar-Ilan University

10/2020 - Present

GPA - 84

#### Courses

- UI Principles
- Artificial Intelligence
- Network Security
- Cryptography
- Machine Learning
- Ethics in AI
- Algorithms
- Cryptographic Proof Systems

## PROFESSIONAL EXPERIENCE

### FRC Programming Mentor MetalBoost#5928, FIRST Robotics Competition (FRC)

02/2021 - 10/2022

Petah Tikva

Programming mentor in robotics group for teenagers, part of the FRC organization.

#### Achievements/Tasks

- Taught Object-Oriented Programming in Java and Image-Processing in Python.
- Experienced with robot programming.
- Helped organize community events.

### FRC Robotics Alumni MetalBoost#5928, FIRST Robotics Competition (FRC)

08/2015 - 08/2018

Petah Tikva

Robotics group for teenagers, part of the FRC organization. Part of the pioneer students of the team.

#### Achievements/Tasks

- Developed robot programs in Java.
- Gained experience in OOP, Image Processing (using Linux OS and Raspberry Pi), PID control, Network protocols and Autonomous operations.
- Participated in 3D modeling, construction and control of robots in competitions.

## SKILLS

Problem Solving

Critical Thinking

Open-Minded

Adaptable

Teamwork

Team Player

Self-Learner

C++

C

C#

Python

SQL

JavaScript

React

Java

Linux

Git

## PERSONAL PROJECTS

### Full-Stack Chat Application + Android App (03/2022 - 07/2022)

- Fully functional chat application for web and android, with options to send files and play video and audio and sync to other devices.

### Coupon Management Social Media Application; Full-Stack + Android App (01/2024 - Present)

- Currently developing a social-media app to allow the users to manage coupons and gift cards, trade and join communities - Final project for my B.Sc. Computer Science degree.

### Cloud File Backup System (12/2021 - 01/2022)

- Python TCP-based server-client backup system.

### Arkanoid - Arcade Game (04/2021 - 06/2021)

- Fully functional arcade game written in Java during an OOP course. Includes a personalized graphic design.

### Anomaly Detection System (11/2021 - 01/2022)

- Written in C++ as part of an Advanced Programming Course.

### Image Processing - Sentry Robot (02/2022 - 04/2022)

- Stationary robot that can follow images and patterns, was created with Arduino, C and Python. Private project.

## LANGUAGES

English



Hebrew



## INTERESTS

Cryptography

Cybersecurity

Robotics

Artificial Intelligence

Back-End

Research

DevOps

Machine Learning

Deep Learning