

Gadi Didi

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Software Engineer in RAFAEL Advanced Defense Systems.

Education

Computer Science (B.Sc.) / Bar-Ilan University | 2018 – 2021

GPA: 92.6

My GitHub: <https://github.com/gadididi>

Mentionable Projects:

- Final project: A height and BMI web Application. Using Intel RealSense LiDAR L515 camera and machine learning. (React and Python).
 - Building of deep neural networks with PyTorch and Keras library (Python).
 - An Interpreter for a made-up language, that controls a flight simulator (C++).
 - A Search server that solves generic search problems by using search algorithms: BFS, DFS (C++).
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Experience

Software Engineer / RAFAEL | September 2021 – Present

- Knowledge in cryptographic libraries.
- Developing real-time embedded library (Cross platform).
- Get experience with Cmake tool, google test and code coverage tool.
- Work with Secure crypto processor.

Software Engineer / Simplex C2 | November 2020 – August 2021

- Developing service in python on Nvidia Jetson for autonomous drone system using image processing and machine learning.
- Developing stream video server for a drone by using dedicated libraries (in c).

Programming Assistant / Bar-Ilan University | October 2019 - August 2020

- Assisting 1st-year students with their C and java assignments on behalf of the Computer Science Department at Bar-Ilan University

Full Military Service / Combat Intelligence Collection Corps 2015 – 2018

- Combat Intelligence soldier (Staff Sergeant)
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Skills

- **Programming languages:** Python, C, C++, Java, C# and Bash.
 - Proficiency in design patterns, Operating systems (Linux, Windows) and networks.
 - Proficiency in Git and Jira. Knowledge in machine learning, deep learning.
 - Knowledge in cyber and security (CMS, PKCS7).
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Languages

- Hebrew: native language
- English: Full professional proficiency