

CV – Jonathan Sahar

Date of birth: 22.10.1988

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Education

2012-2017 BSc in Computer Science with a specialty in Bioinformatics, Technion, Israel Institute of Technology

GPA:87.9

Awards:

- 1st and 3rd semesters – dean's excellence award.
- 4th semester – president's excellence award.

2017 Concluding Project (bioinformatics) at Dr. Reut Shalgi's lab, Technion Faculty of Medicine

Predicting transcription rate during heat shock response in yeast based on 5' RNA sequences

2017 Concluding Project (comp. sci.) with Prof. Ran El-Yaniv, Technion Computer Science Faculty

Using machine learning approaches to diagnose Parkinson's disease based on smartphone sensors.

Employment History

2016-2020 ScaleIO (dellEMC) – Jr. software engineer

- ScaleIO builds an industry leading SDS (Software Defined Storage) product.
- Involved in highly multithreaded and decentralized software.
- Responsible for development and design of a flow control protocol, negotiating an optimal load on a multi-client server.
- Extensive work on performance optimization through contention analysis and profiling.

2010-2012 Contextream, software verification

- Software verification of a large scale SDN (software defined networking) product
- Hands-on experience using network simulation and analysis tools
- International technical support, providing visits to customer's US HQ site

2007-2010 Intelligence data analysis and GIS, Northern Command intelligence unit, IDF

- Experience in integrating a GIS (Geographical Information Systems) analysis system.
- Evaluation of intelligence information and technical issues.
- NCO (non-commissioned officer) service as team leader, in charge of formulating work plans, overseeing execution, and relations with various departments.

Professional skills:

- Programming languages: C, Python
- Programming environment and tools: Unix, Bash, Eclipse, Vim, Git, GNU Perf, Wireshark

Data domains I'm familiar with:

- Machine learning & data science
- Storage
- Networking

Languages

- Hebrew, English – native speaker
- French – some