

Noa Leshem

Noalesh20@gmail.com | +972544467865 | Kfar Saba, IL

Experience

2017-2019

C++ Software Engineer (full time)

Cadence Design Systems

- Part of a Compiler team in a group working on a simulator for Verilog/SystemVerilog (hardware description languages).
- Working environment in a start-up shortly after its acquisition.
- Agile development methodology.
- Designed and implemented features and bug fixes.
- Vast testing (no testing team) and debugging with costumers.
- "Integrator Duty" responsible for keeping a clean build for a week and creating a weekly release.
- Main Features:
 - A decision algorithm to flag parts of the code that can be accelerated by running in parallel on multi-core processors.
 - Performing manipulations on the user's code to create an equivalent version that enables it to be accelerated or performs better as accelerated.
 - Code parsing and creating meta-data for next processing stages.



2015-2017

Product Validation Engineer (student position)

Cadence Design Systems

- Sole responsible for testing "Interconnect Performance Analysis" (IPA) tool.
- Tool performance enhancement project:
Moving the logic to be based on database and SQL queries. This project was written solely by me, in Java.

Programming skills

Good programming skills in: **C++**.

Other skills: Python, Java, C, SQL - can be refreshed if needed.

Development tools: Visual Studio, Linux, GDB, Git, Perforce, Jira.

Education

2014-2017: **B.Sc. in Computer Science, Tel Aviv University.**

Graduated with **average of 87** (Was on the **Dean's list** in 2017).

2011-2014: **B.Sc. in Neuroscience (Biology and Psychology), Tel Aviv University.**

Graduated with **average of 96**. Summa cum-laude.

Psychometric Test score: **773**



Military Service

2006-2011

Air Traffic Control officer in the Israeli Air Force.

- Discharged as a **Lieutenant**.
- A very demanding job that requires team work, decision making under pressure, division of attention, constant learning and a lot of personal discipline.
- Served for a year in the Air Force's Academy for Aviation Professions as the commander of the air traffic control course.

