

# Nir Halperin

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## Abstract

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- Soon **M.Sc.** in mathematics, **B.Sc.** in computer science and mathematics.
- Teaching assistant at the Hebrew University and a former programmer in the IDF.
- Skills: Applied mathematics and analysis, programming and theoretical computer science.

## Education

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### The Hebrew University of Jerusalem

- 2017-2021(soon) : **M.Sc.** in Mathematics. GPA: 91. Thesis topic: Estimates of the Housdorff measure on the nodal sets of the Laplacian's eigenfunctions.
- 2013-2017: **B.Sc.** in Computer science and mathematics. GPA: 82.

## Skills

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**Mathematics** – Analysis, Functional analysis, Differential equations, Applied mathematics, Calculus of variations.

### **Computer science**

- Programming – JAVA, C#, C, Python, SQL, Linux, Matlab.
- Theoretical - Convex optimization, Algorithms.

**Languages:** Hebrew – Mother tongue, English – Full professional proficiency.

## Work experience

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### **2010 – 2013: Software Developer, AirForce, IDF:**

- Programming information systems for Hazerim air base, operational and logistical, using C# ,SQL and ASP.NET.
- Those systems were successful, made processes more efficient and received positive reviews from officers.

### **2020 – Teaching Assistant, The Hebrew University of Jerusalem:**

- Preceptor in Mathematics in the next courses: Infinitesimal calculus 2 for computer science, Infinitesimal calculus 1, Linear algebra 2.