Ariel Jaffe

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Homepage: http://www.wisdom.weizmann.ac.il/~arielja

- **PhD student, the department of Mathematics and Computer Science, Weizmann Institute.**
- **Leading the development of the Duchifat 1 & 2 Nano –Satellite projects.**
- **Experienced researcher & algorithms developer in data analysis and Signal Processing.**
- **Israeli representative to the UN office of outer space affairs.**

Education:

2014 - Present: PhD student in the Mathematics and Computer Science Department, Weizmann Institute.
Research topics: Machine learning and Signal Processing.

2011 - 2013:   MSc in Electrical Engineering, Tel Aviv University, graduated with honor.

2007 - 2010:   BSc in Physics and Electrical Engineering (double major), Tel Aviv University.

Professional Experience:

2011 - Present: The Herzliya Science Center:

Leading a group of exceptional high school students in the process of development and integration of two Nano-satellites: Duchifat 1 (launched successfully 06/14) and Duchifat 2 (launched successfully 04/2017).

2014   Israeli representative at the UN international symposium of outer space affairs: "Making Space Technology Accessible and Affordable".

2012 - 2013: Researcher for the CTO team, Alvarion LTD.

- Leading a project for research and development of novel methods
 for indoor localization through Wi-Fi signals.

2010 - 2012: The department of Electrical Engineering, Tel Aviv University

- Junior lecturer for courses in the field of Signal Processing.
- Instructor for senior final projects at the Systems Department.
- Software advisor for the DSP lab.

2008 – 2010: Research and Development of communication algorithms, Wintegra.

Army Service:

2002-2006: platoon commander, 'Haruv' Infantry battalion.