

# Liran Markin

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## Summary

- Interested in mathematics & computer science, spirituality & health, business & entrepreneurship, social activities, kung-fu
- Security Researcher in IDF
- B.Sc and research experience from the University of Haifa
- Love problem solving and competitive programming
- Fast learner and good team-player

## Experience

- December 2018-now — Security Researcher — IDF — Israel Defence Forces
- February 2014-2018 — Active participation in competitive programming contests

## Skills

- Strong mathematical and algorithmic background
- Application development - Python, Javascript (web), C, C++
- Backend development - Node.js
- Linux user
- Reverse Engineering

## Notable achievements

- **Bronze medal** - Southwestern Europe Regional ACM-ICPC Contest (2018)
- **Bronze medal** - Southwestern Europe Regional ACM-ICPC Contest (2017)
- **Silver medal** - Southwestern Europe Regional ACM-ICPC Contest (2016)
- **Bronze medal** - International Olympiad in Informatics (2016)
- **Bronze medal** - Asian-Pacific Olympiad in Informatics (2016)
- **8th place** - Skillz contest for high-schools [Israel] (2016)
- **Honorable mention** - Gillis Olympiad in Mathematics [Israel] (twice: 2015,2016)
- **1st place** - "Breathe" hackathon in the Technion [Israel] (2015)
- **Bronze medal** - International Olympiad in Informatics (2015)
- **3rd place** - "Hack The Market" hackathon [Israel] (2015)
- **3rd place** - Tournament of Towns Olympiad in Mathematics [Israel] (twice: 2014,2016)
- **Honorable mention** - Tournament of Towns Olympiad in Mathematics [Israel] (twice: 2013,2015)
- **Honorable mention** - Zuta Olympiad in Mathematics [Israel] (2012)

## Education

- 2017-2018 — (Unfinished) M.Sc in Computer Science, University of Haifa
  - Advisors: Oren Weimann, Paweł Gawrychowski
  - Thesis: “A Faster Fully Polynomial Time Approximation Scheme for #Knapsack”
- 2014–2017 — B.Sc in Computer Science (Etgar program), University of Haifa, avg: 95
- 2014–2016 — IOI training camps
- 2012–2016 — IMO training camps
- 2010–2016 — “Wizo Nahalal” high school, majors Physics, Robotics and Computers
- 2010–2014 — “Bar Ilan” program for gifted children in Mathematics
- 2013 — “Tomba 17/19” summer camp on number theory
- 2010-2014 — “Gifted Oranim” program for gifted children

## Languages

Hebrew – native, English – fluent