

# Curriculum Vitae –Itamar Golan

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## Education:

Currently: **Graduated studies at Tel Aviv University, within the framework of the integrated program of the Sagol School of Neuroscience: Double major program in Computer Science and Psychology, emphasizing Neuroscience (average grade: 97). Additionally participating in the Honors Program of the Faculty of Computer Science. Dean's List recipient in all years.**

2007-2009: Participation in Bar Ilan University's *Israel Center for the Advancement of Mathematical Sciences* for high school students excelling in mathematics. I subsequently began academic studies (during high school) at Tel Aviv University, during which I completed several courses at the TAU Faculty of Mathematics.

2007-2010: Rabin High School, Tel Mond. Complete high school diploma with several major disciplines (5 academic units): Mathematics, Physics, Computer Science and English. Graduation with honors.

## Computer Know-how:

Programming languages: **Python** (specializing in Python), PyTorch, TensorFlow, Java, C

Server side: MongoDB, SQL, Amazon AWS, CouchBase

Familiarity with Software: Office (Excel, Word, PowerPoint, Access), **GIS** (ESRI, Global Mapper, Autocad)

## Professional Experience:

### Data Scientist at Check Point (Current – Since July 18'):

- **Research and Development of models and algorithms for Malware Detection, Classification, Representation and Clustering.**
- **Leading hands-on projects using fresh and state of the art methodologies in deep learning, NLP and computer vision based on thorough mathematical knowledge of classical Machine Learning concepts.**
- **Taking projects from raw ideas to production run-time.**
- **Full Owner of one of the company's most significant AI models in the product.**
- **Mastering the utilization of Transformers such as BERT for Cyber Security tasks.**

### R&D position at a startup company dealing in Web, Video Solutions and AI (March 17' – June 18'):

- **BA Developer** – Development of a Python tool for trend analysis and crisis identification within the management of the product. My position requires a complete, in-depth command of the development languages, while interfacing with services such as AWS and retrieval from Non-SQL DBs.
- **QA Engineer** – Responsible for locating and identifying software anomalies, characterizing testing documents, retrieval from the server, conducting data analyses and writing automations for testing the code.

## Military Service:

**I served as a commander and officer at a distinguished technology-oriented intelligence unit, within the Intelligence Corps of the IDF.**

During my military service, I performed the following roles:

- **Head of an Analysis Team** - Characterizing innovative algorithms for research and analysis, including the development of these algorithms and their implementation as user applications. Specialization in Geographic Information Systems (GIS, Geo-Spatial).
- Leadership over a crucial technological project at the Intelligence Corps, across various units and disciplines, for the development of a significant system for rapid information retrieval and analysis (both client and server-side), while gaining experience in the characterization of technological systems and in the management of a software development program (**Product Manager**).

- Command over four distinct teams, totaling over 20 soldiers (including team leaders).
- Considerable experience in writing and formulating highly-detailed, in-depth intelligence documents, while also conducting lectures and presentations to senior ranks.
- Recipient of a personal commendation from the commander of the 9900 Division, while also obtaining a sector-specific commendation from the Head of the IDF Intelligence Corps and the Prime Minister.
- Honorably discharged from the IDF as a Lieutenant, following four and a half years of service.

Languages:

Hebrew and English - Completely fluent; Spanish - partially fluent; Arabic - basic.