Alon Kaplan

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SUMMARY

Graduated from the Hebrew University of Jerusalem with a B.Sc in Computer Science and Mathematics, I am set to pursue a Master's in Computer Science immediately upon graduation. My interests are machine learning and theoretical CS, and with my strong analytical skills, a collaborative mindset, and a dedicated work ethic, I am eager to apply mathematical methods and problem-solving abilities to machine learning research. Fluent in Hebrew and English.

EDUCATION

B.Sc in Mathematics and CS @ Hebrew University Oct 2021 - Apr 2025

- **CS - 91.4 GPA**: Intro to CS (in Python), Data Structures, C/C++ programming, Algorithms, Nand to Tetris (99), Intro to Machine Learning (in Python) (96), Computational models - Computability and complexion (100), OS (in C/C++) and graph theory (97), OOP, introduction to NLP and Communication Networks.
- **Mathematics - 90 GPA**: Linear Algebra, Advanced Calculus I & II, Topology, Probability Theory, Discrete Mathematics (100), Measure Theory, Set Theory (99), algebraic structures I & II, etc.

WORK EXPERIENCE

Research Assistant @ ELSC - David Omer Laboratory Aug 2023 - Mar 2024

- Led a project to register two brain imaging types into a unified space, cutting surgery planning time from one month to two days and enabling non-dissection post-experiment verification with 90% accuracy.
- Got to master multiple existing tools to a high level, creating a streamlined, user-friendly workflow for colleagues.
- Experience in shell scripting, debugging, Slurm clusters, and MATLAB for some image processing.

Combat Commander @ 334 "Haraam" Battalion Nov 2018 - Jul 2021

- Had the privilege of training recruits through basic training, with 7 trainees under direct command.
- Implemented routine security measures with troops, successfully guiding soldiers from challenging behaviors to becoming effective officers currently serving in the army.
- As an instructor in the commanders course, trained 13 new commanders, focusing on instilling professionalism and fostering strong human connections with their soldiers.

SKILLS

Problem-Solving - Confident in analyzing complex issues, identifying innovative solutions, and implementing effective strategies to drive successful outcomes.

Learning - Fast learner with the ability to grasp new concepts quickly and implement them when necessary.

Thoroughness - Is a thorough worker - Likes to go into the depths of subjects in the means of achieving the best results.

Creativity - Creative thinker, leveraging imagination and outside-the-box approaches to drive unique ideas and deliver results.