Aviel Resnick

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Education:

- Lower Moreland HS — 2016 – Present
    - Distinguished Honor Roll
    - CS50: Introduction to Computer Science
    - Computational Science and Engineering
    - AP Computer Science A
    - Research, Design, & Evaluation
    - Independent Study - Analysis of Popular Computational Algorithms

- Gifted Program — 2010 – Present

Experience:

- Founder and President of the LMHS Computer Science Club — 2016 - Present
- Volunteer Leader of the Pine Road Elementary Robotics Club — 2017
- Winner of Code Day Philly in Application Development — 2017
- LM Technical Services
- SPDL Public Forum Debate Finalist & Judge — 2016 - Present
- Pennsylvania Junior Academy of Science 1st Place Recipient
    - Perfect Score: "Diagnosing Breast Cancer through Machine Learning" — 2018
    - Perfect Score: "Optimization of Commercial Radar through Multithreading" — 2017
    - First Place: "Conceptualizing and Implementing ARP based Network Security" — 2016
- Frequent Hackathon Participant
    - HackGFS
    - CodeDay Philly
    - PennApps 2017
    - PennApps Retro 2018

Skills:

- Extensive experience with Java
- Python
- Machine Learning
- Software Optimization
- C# & .Net Framework
- HTML / CSS
- Fluent in English, Russian; Proficient in Hebrew, and Spanish