MEIR HASS

meirhass1@gmail.com | meirhass.com | github.com/Meir-Hass

EDUCATION

Yeshiva University, Yeshiva College, New York, NY
Bachelor of Science, Computer Science with concentration in Distributed Systems Expected Spring 2027
Pre-Engineering with a focus on Mechanical Engineering Fall 2022-Spring 2023

Relevant Courses: Data Structures, Algorithms, Operating Systems, Math for CS, Calculus, Linear Algebra
Activities: Engineering Club (Board Member); Yeshiva College Dramatics Society (President & Technical Director)

SKILLS

Java, Python, C, Junit (unit testing), Maven, Git, Object Oriented Programming, Data Structures (Hash Tables, Linked Lists, Binary Trees, Stack, Queues), Algorithms

PROJECTS

Document Store (Data Structures Course Project):
- Developed a Java application that stores documents with two tier storage using custom-built data structures
- Implemented word and prefix search methods to find all matching documents with matching criteria using a trie
- Tracked document usage using a min heap and moved the least recently used document to disk using a B-tree when memory allowance was exceeded
- Kept track of document actions chronologically allowing for document and application-level undo capability

EXPERIENCE

Regeneron Pharmaceuticals, Sleepy Hollow, NY
Software Engineering Intern Summer 2025 (present)
- Developing a mobile app that enables clinical study participants to self-collect data via their smartphone camera, driving higher engagement than sensor-only methods
- Leading validation of computer vision and machine learning algorithms that analyze participant-captured videos to enrich data density beyond that of wearable devices

Nolato, Bethel, VT
Automation Engineering Intern Summers 2023-2024
- Designed a desktop end-of-arm robot mount with complete vacuum, gripper, and pressure functionality, enabling full testing off the production floor, minimizing downtime
- Fabricated custom parts and fixtures for automation systems enhancing machine efficiency
- Resolved mechanical, electrical, and software issues in automation cells

Pioneers Camp Vermont, Bethel, VT Summers 2019-2022
General Manager & Administrative Assistant
- Directly managed a staff of 15 responsible for the daily operation of a 150-person wilderness camp
- Initiated and implemented streamlined processes and procedures to improve camp management and drive growth
- Managed budgets, vendor relations, logistics, procurement, construction and commercial vehicle fleet rental

M.H Custom Sites 2020-2022
Founder/Lead Web designer
- Built impactful websites as a freelancer and Wix.com partner, specializing in creative solutions to meet client needs

M.H Boards 2019-2021
Owner
- Used CAD and 3D printing along with DFM best practices to design, prototype and manufacture electric skateboard components such as an industry-first modular, PCB based, flight safe battery to comply with FAA regulations

VOLUNTEER WORK

Pantry Packers, Jerusalem, Israel 2021-2022
- Organized groups of 15-30 students on a bi-weekly basis to package hundreds of boxes of food for Israel's needy