

## EDUCATION

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**B.Sc. Computer Science** — The Hebrew University of Jerusalem

2021–2025

*Previously enrolled in CS & Computational Biology dual program*

**Core CS:** Software Engineering 96, Data Structures 93, Nand2Tetris 90, Computer Architecture 84, Databases 83, OOP 83, Algorithms 82, Operating Systems 82

**AI & Data:** Algorithms in Comp. Biology 91, Quantum Computing 90, Cyber Law 88, Communication Networks 87, Machine Learning 86, Data Science 81, NLP 77

**Biology & Chemistry:** Biology 99, Organic Chemistry 93, 21st Century Biology 93 & 90, Genetics 89, General Chemistry 81

## ONGOING WORK

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**WeHagita** — Community platform for Torah study and commentary sharing | [wehagita.com](#) |  Live, 40+ users

*React 18 + TypeScript + Vite | Supabase (PostgreSQL, Auth, Edge Functions, RLS) | Cloudflare Pages | Playwright*

- Full-stack social platform with rich, accessible Tanakh reading experience, 70+ classical commentators, and user-generated insights that grow over time. Modern responsive UI with multiple themes and layouts
- **Built entirely with Claude Code.** SE-grade standards: structured documentation, clean modular code — onboarding takes minutes. Critical when developing with AI
- Previously hosted on FastAPI + GCP; migrated to Supabase for better performance, maintainability, and cost savings
- Managing the product end-to-end: roadmap, user feedback, deployment, infrastructure, and security

**WordPress Security — WAF & Automated Testing** — Paid client project

*Cloudflare WAF management | Cross-browser E2E testing using Playwright*

- Designed 5-rule layered WAF defense: progressive security from bot whitelisting through geo-filtering to hostile traffic blocking
- Built automated Playwright test runner validating WAF effectiveness and zero false positives across 4 browsers
- Mentored by Nimrod Luria, Co-Founder at IO01

## ACADEMIC PROJECTS

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**Nand2Tetris: Complete Computer System** — Grade: 90 | [GitHub](#)

- Built a working computer from NAND gates up: logic gates → ALU → CPU → RAM → assembler → VM → compiler → OS. HDL, Assembly, Jack

**Breast Cancer Classification** — ML Research, Grade: 91

- ML models reaching ~100% accuracy on binary cancer detection from protein expression data; multi-class staging ~70%. Python, Scikit-learn, TensorFlow

## TECHNICAL SKILLS

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**Languages:** Python, C/C++, Java, TypeScript, JavaScript, SQL, HTML/CSS

**Frameworks & Tools:** React, Vite, Tailwind CSS, Supabase, PostgreSQL, Cloudflare (Pages, WAF, DNS), Playwright, Git

**AI-Assisted Development:** Claude Code (primary dev tool — MCP integrations, multi-agent workflows). Using AI for development since GitHub Copilot's early release

**Security:** Cloudflare WAF design, automated security testing, vulnerability assessment, video content protection

**Product:** End-to-end product management — roadmap, deployment, user feedback, infrastructure

## OTHER WORK EXPERIENCE

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**Private Tutor** — CS, Math & Sciences

2023–Present

- Private tutoring for high school and pre-academic students. Since 2025: teaching Mofet 9th graders at Rabin High School via Branco Weiss / Kedem-Atidim

**Logistics & Maintenance Officer** — IDF Reserve Duty, "Swords of Iron" War

2023–2025

- Led cross-functional teams under combat-zone pressure; streamlined logistics and maintenance systems during active operations

**Technical Support Specialist** — Samsung (via Tikshooov)

2020–2021

- Promoted within 4 months. Resolved complex technical issues; retained customers through quality communication during COVID-19

## ADDITIONAL

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**Languages:** Hebrew (native), English (fluent, Amiram 150)

**Volunteering:** Weekly karaoke sessions for elderly residents — Nofei Gilo Assisted Living, Jerusalem (2021–2023)