

EDUCATION

Stanford University, Stanford, CA (2019-present)

- Independent study on the topic of The Inner and Outer Worlds of Early Automata Craftsmen with Professor Paula Findlen, Department of History (*Spring 2022*).
- Independent study on the topic of Albert Camus's The Plague with Professor Emanuelle Lugli, Department of Art History (*Spring 2020*).
- Directed reading on the topic of category theory with Sophie Libkind, graduate student in the Department of Mathematics (*Winter 2020*).

Midreshet Yafo, Jaffa, Israel, *11 hours per week (October 2018-May 2019)*

- Advanced Jewish study: Bible, law, philosophy.

The High School for Math, Science and Engineering at the City College of New York, New York, NY (2014-2018)

- Cumulative average: 100.5%.
- Valedictorian, Class President, Yearbook Coeditor-in-Chief.

EMPLOYMENT (selected)

EcoPeace Middle East, Intern, Tel Aviv, Israel, *30 hours per week (September-December 2020)*

- Jordanian-Palestinian-Israeli NGO that creates shared solutions for the most water-scarce region on the planet.
- Interned in resource development and impact investment; organized project planning and wrote grant proposals for environmental peacemaking initiatives in the Jordan River Valley; built connections between business contractors, entrepreneurs, and private investors for sustainable development of the region; analyzed data on ecological resources in the region and created visualizations for staff use.

O'Connell's in the Shuk, Manager, Jerusalem, Israel, *35 hours per week (September 2020 – March 2021)*

- Renowned Irish pub in the Mahane Yehuda Market.
- Led staff, curated workplace culture, tracked supplies and stock, nurtured relations with owner and other bars.

Ramah in the Rockies, Bunk Counselor and Art Educator/Metalwork Specialist, Sedalia, CO, *10 weeks (Summer 2019)*

- Counselor for 13-15-year-olds.
- Led five-day backpacking and farming excursions into the backcountry; developed curriculum and activities to teach soft (leadership and communication) skills, hard (outdoors and survival) skills, and Jewish values.
- Founded and created metalwork studio, developed curriculum to teach art and metalwork to 13-15 year olds, incorporated Jewish themes and values.

TOM: Tikkun Olam Makers, Programs Associate, Tel Aviv, Israel, *40 hours per week (August 2018 - May 2019)*

- Global community of makers creating affordable solutions to neglected challenges faced by people with disabilities.
- Designed and led programs for communities in Israel and visitors from overseas; modeled programs and user-centric design process to be scaled globally; developed and implemented new finance/budget systems and meeting systems; oversaw and managed logistics for programs and events; contributed to strategic global playbook.
- Recognized as Israel National Service.

Goldfinger (Naama Gilo), Teaching Assistant, Jaffa, Israel, *2 hours per week (January-June 2019)*

- Assisted Naama Gilo in teaching beginner jewelry-making workshops.

Yaniv Shapira Jewelry Workshop and School, Outreach Associate, Jaffa, Israel, *3 hours per week (January-June 2019)*

- Established presence on TripAdvisor and Yelp; designed workshops for tourist groups.

EXTRACURRICULAR ACTIVITIES (selected)

Advisory Task Force on the History of Jewish Admissions and Experience at Stanford University, Member, *1 hour per week (January 2022-present)*

- Charged with researching the history of admissions practices and policies for Jewish students at Stanford in the 1950s and making recommendations for the present. The report will be presented to the President and Provost.
- Undergraduate student representative.

Stanford Minyan, Coordinator, *8 hours per week (August 2021-present)*

- Religious Jewish community composed of undergraduate and graduate students, faculty, locals, and young professionals in the area.
- Coordinate weekly services on Sabbath and on holidays, communicate with members and foster community, plan and implement additional activities, and maintain relations with other Jewish organizations on campus.

Camp Kesem Stanford, Outdoor Leadership Program Coordinator, *10 hours per week (2020-present)*

- Week-long summer camp and year-round community for children affected by a parent's cancer.
- Plan and lead wilderness excursions, develop curriculum to teach hard and soft skills, and mentor fifteen- and sixteen-year-old campers.
- Develop and run wilderness education training sessions for counselors.
- Responsible for three units of 16 campers and 6 counselors each.

Project.Or, Founding Team Member, *(January 2021-May 2021)*

- Creative co-living community in the heart of Jerusalem.
- Art exhibitions, workshops, cultural events, and ecological initiatives.

AWARDS + FELLOWSHIPS

Chappell Lougee Scholarship, Stanford University *(Summer 2022)*

- "Autotelic Automata: Exploring the Humanist Approach to Creating an Automaton" - building a metal automaton in Italy while studying the manuscripts of automata craftsmen from the Islamic empire, medieval Europe, and Renaissance Italy.

Stanford Existential Risks Initiative, Research Fellow, Remote *(June-August 2020 – 10 weeks; January 2021-April 2021)*

- Explore the potential of data visualization to communicate compelling arguments about global catastrophic risks.
- Study and address cognitive biases that prevent people from grasping these issues and exercising effective judgement.
- Created web visualization of the thought experiment, "What if humanity were one human?" (<https://odelialorch.github.io/ifhumanity/index.html>).
- Under the mentorship of Andrew Critch (University of California, Berkeley).

Interact Fellowship, Fellow, *2 hours per week (2020-present)*

- International community of mission-driven technologists.
- Participated in Art as Climate Intervention, a studio group working on projects that address the climate crisis.

National Merit Scholarship Corporation, Evanston, IL, National Merit Scholar *(2018)*

PUBLICATIONS

"Love at First Brushstroke: An Exploration of Renaissance Artists' Experiences of Love," *Herodotus Volume XXXI*, Stanford University Department of History (pending).

EXHIBITIONS

2017 *Scholastic Art & Writing Awards: New York City Regional Exhibition*, Metropolitan Museum of Art, New York, NY.

LANGUAGES

- Hebrew – Fluent.
- German – Intermediate.
- Computer Programming: Python, C++, Java, MATLAB, HTML, CSS, JavaScript, jQuery, D3.js (proficient); SQL, R, WebGL (beginner).

Letters of reference available upon request.