

# Odellia Lorch

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## EDUCATION

**Stanford University**, Stanford, CA (2019-present)

**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%.
- Class rank: 1/109.

**Summer Program on Applied Rationality and Cognition**, San Francisco, CA, *2 weeks (Summer 2017)*

- Studies in probability theory, information theory, the mathematics of rationality; Fermi estimation, statistical street fighting, risk and power laws; game theory, microeconomics, prediction markets; causal modeling, graphical models, regression, etc.

**Summer Science Program, University of Colorado Boulder**, Colorado, *6 weeks (Summer 2017)*

- Research paper: "Determination of the Orbit of Asteroid 138846 (2000 VJ61) with the Methods of Gauss and Laplace."

**School of the Arts, 92nd Street Y**, New York, NY, *8-16 hours per month (September 2007-2018)*

- Metalwork intensive study; drawing, ink, and watercolor classes.

**Outdoor education, Ramah in the Rockies**, Sedalia, CO, *4 weeks (Summers 2014-16)*

- Jewish Outdoor Leadership Institute – leadership training seminars (*Summer 2016*).

## EMPLOYMENT

**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)*

- Designed and led programs for both communities in Israel and visitors from overseas.
- Modeled programs 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.
- Member of procurement leadership team and Team Dudi for Makers for Heroes 2019 makeathon.
- Recognized as Israel National Service through the Volunteer Association.

**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.

**American Museum of Natural History**, Paid Intern, New York, NY, *4 hours per week (2016-17)*

- Research topic: "Estimating Substitution Trends in the Mitochondrial Genome of Malagasy Snakes."

## EXTRACURRICULAR ACTIVITIES

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

- International community of mission-driven technologists.

**Camp Kesem Stanford**, Counselor, *6 hours per week (2020-present)*

- Week-long summer camp and year-round community for children affected by a parent's cancer.
- Mentor fifteen- and sixteen-year-old campers in the Outdoor Leadership Program.

**Stanford Jewish Students Association**, Arts Chair, *4 hours per week (2020-present)*

**Stanford Roots**, Outreach Chair, *4 hours per week (2020-present)*

- Student organization associated with the O'Donohue Family Stanford Educational Farm.

**TOM@University, TOM: Tikkun Olam Makers**, Fellow, *2 hours per week (2019-present)*

- Found a TOM club on campus.
- Leverage faculty, students, and university facilities (e.g., makerspaces and innovation labs).
- Organize year-round curricular and extra-curricular activities.
- Participate in skill- and capacity-building programs run by the TOM Global team.

**Ori: Lone B'not Sherut, Nefesh B'Nefesh**, Jerusalem, Israel, *2 hours per week (January-May 2019)*

- Member of founding cohort.
- Organization to support overseas national service participants in Israel.

**Student government**, Class President, *12 hours per week (Grades 9-12)*

**HaZamir: The International Jewish High School Choir**, Alto, *8 hours per week (Grades 10-12)*

- Member of Chamber Choir (*Grades 11-12*)

## AWARDS

**National Merit Scholarship Corporation**, Evanston, IL

- National Merit Scholar (2018).

**The High School for Math, Science and Engineering at City College of New York**, New York, NY

- Valedictorian (2018).

**Scholastic Art & Writing Awards**

- Sculpture: Silver Medal (2014); Gold Keys (2013, 2014, 2017); Silver Key (2014).

**Recanati-Kaplan Scholarship for Excellence in the Arts**, New York, NY.

- Merit award (2018).

## LANGUAGES

- Hebrew – Fluent.
- German – Intermediate.
- Computer Programming:
  - Proficient: Python, C++, Java, MATLAB.
  - Intermediate: HTML, CSS, SQL.
  - Beginner: R, JavaScript, jQuery.