

Education

- Cambridge, MA 2017(expected) **Massachusetts Institute of Technology (MIT)**
Master of Science in Media Arts and Sciences at MIT Media Lab GPA: 4.9/5.0
- Jerusalem, Israel 2014 **Hebrew University of Jerusalem**
Bachelor of Science in Computer Science *cum laude* GPA: 90.56/100.0
- Jerusalem, Israel 2011-2015 **Bezalel Academy of Arts and Design**
Coursework towards Bachelor of Fine Arts in Ceramic Design

Experience

- Cambridge, MA 2015 - present **MIT Media Lab, Viral Communication Group**
Research Assistant
- Developed AI models to analyze unstructured broadcast news using deep learning algorithms.
 - Designed and developed the front-end of FiftyNifty.org - a game that simplifies the process of calling congress while encouraging a social network to do the same.
 - Designed and built interactive data visualizations to easily explore the information and different perspectives in mass media and to enable humans and machine learning models to collaborate.
 - Designed and fabricated a smart bicycle helmet with touch enabled turn signals and acceleration activated break lights.
 - Supervised and mentored two students in undergraduate research.
- Berkeley, CA 2016 **Stochastic Labs**
Artist in Residence
- Built the first version of GooeyBrain - a crossplatform open-source GUI app for creative application of Deep Learnin using Tensorflow library.
- Tel - Aviv, Israel 2013 - 2015 **Google**
Software Engineer Intern
- Developed key features in Google's instant search results using C++ and Python.
 - Worked on server and client side applications that are seen by millions of international users daily.
- Jerusalem, Israel 2014 **Hansen House, Center of Design, Media and Technology**
Presenter, "Texperience" Exhibition
- "Live Green Screen" - a site-specific interactive experience, using 3D sensors.
 - "Auditory Visualization" - communicating information with natural sounds.
- Palmachim, Israel 2007 - 2009 **IDF - Israel Defense Force**
• Developed camouflage technologies as part of the mandatory service in Israel.

Leadership

- Cambridge, MA 2016 **MIT Media Lab**
Teaching Assistant for "How To Make (Almost) Anything" course
- Conducted hands-on demonstrations of several digital fabrication methods.
- Hong Kong 2016 **MIT Kickstart**
Hackathon Participant
- Led winning team in prototyping and pitching a smart hardware device for interpersonal communications.
- Jerusalem, Israel 2011-2014 **"Education for Excellence" NGO**
Volunteer Instructor

Skills

- Programming Languages** Python, Javascript, React.js, HTML, CSS, Java, C, C++.
- Programming Experience** Web Development, Databases, Data Visualization, Embedded Programming, Interface and Applications design, Natural Language Processing, Machine Learning.
- Design Tools** Photoshop, Illustrator, After Effects, Rhinoceros, Grasshopper, Solidworks, EagleCAD.
- Fabrication/Art** Laser cutter, CNC, PCB Milling, Vinyl cutter, 3D Printing, Ceramic technologies.