Yoni Nachmany
@YoniNachmany | Gmail | LinkedIn | GitHub | Twitter

EDUCATION
University of Pennsylvania (UPenn), Philadelphia   **August 2014 - May 2018**
B.S.E. in Networked and Social Systems Engineering (NETS)   *GPA 3.41/4.00*
- [Specialized computer science degree](#) on networks, crowds, markets, and the Internet.
- Courses: [Big Data Analytics](#), [Deep Learning for Automated Discourse](#), [Scalable/Cloud Computing](#), [Crowdsourcing/Human Computation](#), [Theory of Networks](#), [JavaScript](#), [Go](#).
- Teaching Assistant for inaugural "Foundations of Data Science" course in Fall 2017.

Hunter College High School, New York   **June 2014**
Audited [Advanced Programming](#), in C, at Columbia University.   *GPA 94.3/100.0, SAT 2330/2400*

EXPERIENCE
Open Source Software Fellow, Azavea, Philadelphia   **June 2017 - present**
- [B Corp](#) creating geospatial web software while advancing state-of-the-art research.
- Demoed Raster Vision's top 25 image tagging in a [Kaggle contest for Planet](#), [in Scala](#).
- Built [GeoTensorFlow](#): Raster Vision models run in GeoTrellis, a data processing engine.
- Wrote a Python [GeoNotebook](#) demonstrating use of SpaceNet satellite imagery data.

Software Developer, Hack4Impact, UPenn   **September 2014 - present**
- [Nonprofit](#) collaborating with nonprofits on software for social and humanitarian needs.
- PM of [AsylumConnect Catalog](#), resource explorer for LGBTQ asylum seekers, [in Flask](#).
- Served on the Executive Board as External Relations Chair for three semesters.

Core Engineer Intern, Meetup, New York   **May-August 2016**
- [Global network](#) of 32M Members, 288K Meetup Groups, and 614K Monthly Meetups.
- Enabled code and test generation by programmatically migrating API docs to Swagger.
- Fixed API bugs for [app relaunch](#), in Java, Scala, and Python, under Senior API Engineer.

Machine Learning Research Intern, Clarifai, New York   **May-August 2015**
- [AI startup in visual recognition](#), top five places in image classification at ImageNet 2013.
- Built Django app of TRECVID's [shot boundary detection](#) labeled data for future research.
- Performed literature review on [video scene segmentation](#), grouping shots semantically.
- **hackNY Fellows Program**, introducing students to NYC's startup ecosystem.

LEADERSHIP
Leader, PennQuest outdoor orientation, Appalachian Trail   **March 2015 - present**
Site Leader, UPenn Alternate Spring Break, North Carolina   **September 2016 - March 2017**