

# Yoni Nachmany

@YoniNachmany | [Gmail](#) | [LinkedIn](#) | [GitHub](#) | [Twitter](#)

## EDUCATION

University of Pennsylvania (UPenn), Philadelphia

GPA 3.41/4.00

M.S.E. in Data Science

September 2017 - May 2019

- **Concentrations:** Data-Centric Programming, Big Data Analysis, Artificial Intelligence.

B.S.E. in Networked and Social Systems Engineering

August 2014 - May 2018

- Presenting paper on crowdsourcing summaries of privacy policies at HCOMP 2017.
- Teaching Assistant for inaugural “Foundations of Data Science” course in Fall 2017.

## EXPERIENCE

Open Source Software Fellow, Azavea, Philadelphia

June 2017 - present

- [B Corp](#) creating civic geospatial web software while advancing state-of-the-art research.
- Wrote [Scala backend](#) for demo of top 25 model in tagging rainforest satellite imagery.
- Built [GeoTensorFlow](#): Raster Vision models run in GeoTrellis, a data processing engine.
- Created [GeoNotebook](#) demonstrating use of SpaceNet satellite data for future research.

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 Engineering 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 structuring API docs in Swagger.
- Fixed [app relaunch](#) API bugs in Java, Scala, and Python, under Senior API Engineer.

Machine Learning Research Intern, Clarifai, New York

May-August 2015

- [AI startup in visual recognition](#), won top image classification prize 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