

Yoni Nachmany

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

EDUCATION

University of Pennsylvania (UPenn), Philadelphia

GPA 3.31/4.00

M.S.E. in [Data Science](#)

September 2017 - May 2019

- Participating in Kaggle's [2018 Data Science Bowl](#), to find the nuclei in divergent images.

B.S.E. in [Networked and Social Systems](#)

August 2014 - May 2018

- Automating construction of [Gun Violence Database](#) with statistical NLP technologies.
- Presented paper on crowdsourcing summaries of privacy policies at [HCOMP 2017](#).

EXPERIENCE

Open Source Software Fellow, Azavea, Philadelphia

June-December 2017

- [B Corp](#) creating civic geospatial web software while advancing state-of-the-art research.
- Demoed top 25 Kaggle model for tagging rainforest satellite imagery with [Scala app](#).
- Linked deep learning and geospatial data processing libraries with [GeoTensorFlow](#).
- Demonstrated use of [SpaceNet satellite data in GeoNotebook](#) for future research.

Software Developer, Hack4Impact, UPenn

September 2014 - December 2017

- [Nonprofit](#) collaborating with nonprofits on software for social and humanitarian needs.
- PM of [AsylumConnect Catalog](#), resource explorer for LGBTQ asylum seekers, in Flask.
- Developed Nonprofit Overhead Analyzer and Transcribe4All in Flask, Java, and Go.

Core Engineering Intern, Meetup, New York

May-August 2016

- [Social network](#) of 3M monthly attendees, 35M members, and 300K Meetup groups.
- Enabled code and test generation by programmatically converting doc to [OpenAPI spec](#).
- 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

External Relations Chair, Executive Board, Hack4Impact

May 2015 - December 2016

Site Leader, UPenn Alternate Spring Break, North Carolina

September 2016 - March 2017