

# Yoni Nachmany

YoniNachmany@Gmail.com | (646) 717-3333 | [LinkedIn](#) | [GitHub](#) | [Twitter](#)

## EDUCATION

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### University of Pennsylvania, Philadelphia

*M.S.E. in Data Science (GPA: 3.70/4.00)*

*Sep 2017 - May 2019*

- [Gun Violence Database](#): automating information extraction on local news articles.
- [DeepGlobe Satellite Challenge](#): competing in Land Classification track, for CVPR 2018.

*B.S.E. in Networked and Social Systems (GPA: 3.31/4.00)*

*Aug 2014 - May 2018*

- [HCOMP 2017](#): presented paper on crowdsourcing summaries of privacy policies.
- [Courses](#): Crowdsourcing and Human Computation, Scalable and Cloud Computing.

## EXPERIENCE

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### Azavea, Open Source Software Fellow, Philadelphia

*Jun 2017 - Dec 2017*

- [B Corp](#) creating civic geospatial web software while advancing state-of-the-art research.
- [Kaggle demo](#): built Scala backend for top 25 model tagging rainforest satellite imagery.
- [GeoTensorFlow](#): connected deep learning and geospatial big data processing libraries.
- [SpaceNet GeoNotebook](#): demonstrated use of satellite dataset for future research.

### Hack4Impact, Software Developer, Philadelphia

*Sep 2014 - Dec 2017*

- [Nonprofit](#) collaborating with nonprofits on software for social and humanitarian needs.
- [AsylumConnect Catalog](#): led building Flask backend of resources for LGBTQ asylees.
- [Data apps](#): developed Nonprofit Overhead Analyzer and Transcribe4All in Java and Go.

### Meetup, Core Engineering Intern, New York

*May 2016 - Aug 2016*

- [Social network](#) of 3M monthly attendees, 35M members, and 300K Meetup groups.
- [OpenAPI](#): enabled code and test generation by programmatically migrating docs.
- [App relaunch](#): fixed API bugs under Senior API Engineer in Java, Scala, and Python.

### Clarifai, Machine Learning Research Intern, New York

*May 2015 - Aug 2015*

- [AI startup](#) in visual recognition, top five places in image classification at ImageNet 2013.
- [Shot Boundary Detection demo](#): built Django app of labeled data for future research.
- [hackNY Fellows Program](#): program introducing students to NYC's startup ecosystem.

## SKILLS

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**Data:** NumPy, Pandas, Matplotlib, PySpark, Amazon EMR, SciKitLearn, TensorFlow, PyTorch.

**Programming:** Python, Flask, Git, Java, Matlab, Scala, JavaScript, Node.js, Go, Hadoop, OCaml.

**Leadership:** PennQuest outdoor orientation, Hack4Impact Exec Board, Alternate Spring Break.