

Yoni Nachmany

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EDUCATION

University of Pennsylvania, Philadelphia

M.S.E. in Data Science

Aug 2018 - May 2019

- [Courses](#): Vision & Learning, Geospatial Software Design, Data Mining, Thesis/Practicum.

B.S.E. in Networked and Social Systems (GPA: 3.30/4.00)

Aug 2014 - May 2018

- [Gun Violence Database](#): automated crowdsourced information extraction of articles.
- [Human Computation](#): presented poster on crowdsourced summaries of privacy policies.

EXPERIENCE

Radiant.Earth, Geospatial Machine Learning Intern, Oakland

Jun 2018 - Aug 2018

- [Nonprofit](#) providing access and analytics on open Earth imagery for global development.
- [Global Land Cover Training Data](#): labeling pixels at 10m spatial resolution with 8 classes.

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](#): integrated deep learning and geospatial big data processing libraries.

Hack4Impact, Software Developer, Philadelphia

Sep 2014 - Dec 2017

- [Nonprofit](#) collaborating with nonprofits on software for social and humanitarian needs.
- [AsylumConnect Catalog](#): led team building Flask app with 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, 40M 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.

SKILLS

Data: NumPy, Pandas, SciKit-Learn, TensorFlow, PyTorch, Spark, Amazon Elastic MapReduce.

Programming: Python, Flask, SQLAlchemy, Git, Java, Scala, JavaScript, Node.js, Matlab, Go.

Leadership: PennQuest orientation trip, Hack4Impact exec board, Penn Alternative Breaks trip.