Yoni Nachmany

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EDUCATION

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.

B.S.E. in Networked and Social Systems (GPA: 3.30/4.00)   *Aug 2014 - May 2018*
- **HCOMP 2017**: presented paper on crowdsourcing summaries of privacy policies.

EXPERIENCE

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.

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

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.