

Yoni Nachmany

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EDUCATION

University of Pennsylvania, Philadelphia **August 2014 - May 2018**

B.S.E. Singh Program in **Networked & Social Systems Engineering** GPA 3.37/4.00

- Computer science degree focused on networks, crowds, and markets on the Internet.
- **Courses:** Scalable & Cloud Computing, Crowdsourcing & Human Computation, Technology & Policy, Intro to Dynamic Systems, Theory of Networks, Urban Education.

Hunter College High School, New York

June 2014

Laboratory school of the City University of New York GPA 94.3/100.0, SAT 2330/2400

- **Courses:** Advanced Programming in C, Data Structures in Java (Columbia University).

EXPERIENCE

Core Engineer Intern, Meetup, New York

May-August 2016

- Worldwide network of in-person groups, with 28 million members and 260,000 groups.
- Assisted Senior API Engineer with app redesign issues in Java, Scala, and Python.
- Moved documentation to The OpenAPI Specification, enabling code and test generation.

Machine Learning Research Intern, Clarifai, New York

May-August 2015

- AI startup developing visual recognition API with ImageNet-winning deep learning tech.
- Researched ways to apply machine learning image recognition to video analysis.
- Built Django demos for internal and external use, including Slack integration.
- Participated in **HackNY Fellowship**, connecting students and NY technologists.

Fellow, International Summer Science Institute, Weizmann Institute

July 2014

- Wrote research paper testing motion-detection algorithms using Matlab.

LEADERSHIP

Developer & External Relations Chair, Hack4Impact, UPenn

September 2014 - present

- Building software for nonprofits in Python (Flask), JavaScript (Node.js), and Go.
- Leading project to build crowdsourced web app of LGBTQ asylee-friendly resources.
- Generating demand for services as well as brand recognition for the organization.

Leader, PennQuest outdoor orientation program, UPenn

March 2015 - present

- Guiding 130 incoming students on a hiking and camping trip on the Appalachian Trail.

Site Leader, Alternate Spring Break program, UPenn

September 2016 - present

PROJECTS

- **Dead Simple Encryption** for journalists, “Most Creative” at Google’s Hack4Humanity.
- **Cardboard Artboard**, art therapy VR tool built with Google Cardboard at PennApps.
- **Food Hotspot Tracker**, Tweet-generated food insecurity map for World Food Program.