Yoni Nachmany

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EDUCATION

University of Pennsylvania, Philadelphia   **August 2014 - May 2018**
B.S.E. Singh Program in **Networked and 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**
- World's largest network of local groups with 27 million members and 250,000 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.