**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.