**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.
* **Classes:** Intro to Dynamic Systems, Scalable & Cloud Computing, Technology & Policy, Crowdsourcing & Human Computation, Theory of Networks, Internet & Web Systems.

**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

* Audited “Advanced Programming” & “Data Structures in Java” at Columbia University.

**EXPERIENCE**

**Core Engineer Intern, Meetup**, New York **May-August 2016**

* World’s largest network of local groups with over 9,000 groups getting together daily.
* Assisted Senior API Engineer with issues during app redesign 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**

**External Relations Chair, Hack4Impact**, UPenn **September 2014 - present**

* Developing web apps in Python (Flask), JavaScript (Node.js), and Go for nonprofits.

**Leader, PennQuest outdoor orientation program** **March 2015 - present**

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

**PROJECTS**

* [Dead Simple Encryption](http://challengepost.com/software/10-tony-stack-and-heap-dead-simple-encryption) for journalists, “Most Creative” at Google’s Hack4Humanity.
* [Cardboard Artboard](http://challengepost.com/software/cardboard-artboard), art therapy VR tool built with Google Cardboard at PennApps.
* [Food Hotspot Tracker](http://challengepost.com/software/food-hotspot-tracking), Tweet-generated food insecurity map for World Food Programme.

**TECHNICAL SKILLS**

Java, Python, Matlab, Scala, Go, OCaml, C; HTML, CSS, JavaScript; Flask, Django, Node.js.