

# Alex Harellick

(C) 914-522-5776  
harelick@seas.upenn.edu

3901 Locust Walk MB 189  
Philadelphia, PA 19104

## EDUCATION

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### University of Pennsylvania

Candidate for BSE majoring in Networked & Social Systems Engineering

May 2016 (expected)

3.54 / 4.00 GPA

Relevant Courses:

- Crowdsourcing and Human Computation
- Scalable and Cloud Computing
- Introduction to Networks and Security
- Programming II, Data Structures
- Software Design & Engineering
- Introduction to Algorithms

### White Plains Senior High School

4.82 GPA on a Weighted 4.00 Scale

June 2012

Achievements:

- National Honor Society – elected Parliamentarian || Ranked 11 / 600 in graduating class
- Junior Engineering Technical Society || Tennis – Varsity Team || Swimming – Varsity Team Co – Captain

## Technical Skills

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- Highly Skilled in Java
- Understanding of Basic Game Theory, Mechanism Design, Graph and Social Network Search
- Proficient in Scalable and Cloud Computing: Datacenter Architectures, MapReduce, Hadoop, Node.js, Express, Ajax, jQuery, CSS, HTML
- Familiar with Crowdsourcing and Human Computation areas including Mechanical Turk, HCI, A/B Testing
- Created a small scale version of Facebook and explored a live news service based on Wikipedia views

## Work Experience

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### White Plains City School District, Summer Technology Support Team

Summer 2013 & 2012

- Provided hardware/software upgrades within a large suburban school district.
- Played the role of team leader to distribute responsibility among eight team members working in nine schools.
- Worked effectively and efficiently in a short time period to ready the schools for September.

### Temple Israel Center, Teacher's Aide

2008 - 2012

- Provide assistance to teachers and children in grades 2-5. Consistently requested by teachers and a favorite among students. Demonstrated ability to be responsible to the teachers and understand the needs of the children.

### Central Westchester YWCA, Lifeguard / Swim Instructor

Summer 2011

- Responsible for guarding the pool for swim classes and special events. Taught swimming skills to children.

## Activities & Fundraising

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### Theta Tau Engineering Fraternity, Tau Gamma Chapter

2014 - Present

### UPenn Void Ultimate Frisbee Team Member

2012 - Present

### Penn Illusionist (Magic and Juggling Club) Member

2012 - Present

### MS Society Swim for Life & Swim Across America

2005-2012

- Raised nearly \$50,000 participating in open water swims
- Recognized as National Youth in Philanthropy by the Association of Development Officers