

Alex Harellick

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

4002 Chestnut Street
Philadelphia, PA 19104

Education

University of Pennsylvania

Candidate for BSE majoring in Networked & Social Systems Engineering

May 2016 (expected)

3.50 / 4.00 GPA

White Plains Senior High School

4.82 / 4.00 GPA

June 2012

Achievements:

National Honor Society – elected Parliamentarian || Ranked 11 / 600

Junior Engineering Technical Society || Tennis – Varsity Team || Swimming – Varsity Team Co – Captain

Technical Skills

- Highly skilled in Java (4 Semesters + Research)
- Created a small scale version of Facebook using Node.js, EJS, and EC2
- Wrote a chrome extension to keep track of and scroll to the last read tweet in a user's feed
- Used cron jobs to perform hourly inserts on a SQLite database with JDBC

Select Topics from Relevant Courses:

Crowdsourcing and Human Computation:	Python	Mechanical Turk	Basic ML skills
Scalable and Cloud Computing:	Ajax, HTML/CSS	SimpleDB, Elastic MapReduce	
Networks and Security:	Threat Models	Web Architecture	Pub/Private Key Crypto
Intro to Algorithms:	Sorting	Runtimes	Graph Search
Enrolled for Fall 2014:	Machine Learning	C Programming	

Work Experience

University of Pennsylvania, Research Assistant for Professor Chris Callison-Burch

Summer 2014

- Wrote Java/Python/JS programs to determine trending Wikipedia articles using page view statistics.
- Utilized Mturk and Machine Learning libraries to validate and cluster computer generated data.
- Created a pipeline to automate the procedure of downloading text files, generating HITs and posting results.

White Plains City School District, Summer Technology Support Team

Summer 2013 & 2012

- Provided hardware/software upgrades within a large suburban school district.
- Assumed the role of team leader to distribute responsibility among eight team members working in nine schools.

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

Theta Tau Engineering Fraternity, Tau Gamma Chapter

2014 - Present

- Web Committee: Maintain the chapter website and run the election platform

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