

Education

- **University of Pennsylvania, College of Arts and Sciences** May 2016
 - Candidate for B.A. in Computer Science and Mathematical Economics
 - CUMULATIVE GPA: 3.84/4.00
 - HONORS: 2012 - 2013, 2013 - 2014, & 2014 - 2015 Dean's List
- **West Chester East High School, West Chester, PA** June 2012
 - HONORS: Valedictorian, National Hispanic Recognition Program, AP Scholar with Distinction
 - ACTIVITIES: Boy Scouts of America - Troop 21 (Eagle Scout and Senior Patrol Leader)

Experience

- **eBay** New York, NY
 - *Product Development Engineer, Intern* May 2015 - Aug. 2015
 - Full-stack development on eBay's homepage team.
- **Hack4Impact** Philadelphia, PA
 - *Software Engineer* Jan 2015 - present
 - Works with teams of student engineers to develop and deploy high-impact software.
 - Projects include: *MapsForAll*, a web platform that nonprofits can use to showcase and list publicly available, community resources; *JournalUp*, a web application where students can write prompt-based essays and receive feedback from their teachers.

Languages, Frameworks, Libraries: Java, Python, Flask, JavaScript, jQuery, L^AT_EX, HTML, CSS,

Systems & Applications: OS X, Linux (Ubuntu), Emacs, Git

Projects

- **Brand Killer:** Adblock for real life. Head-mounted display and Python backend that augments reality and blurs out advertisements in real time. Received international media attention. www.jonathandub.in/cognizance (Spring 2015)
- **PennCoursePlus:** Chrome extension (JavaScript) that augments course registrar, allowing students to browse and sort courses by class/professor ratings. 1000+ Penn students using extension. www.penncourseplus.com (Spring 2014)
- **Openn:** Site (Flask/Python + jQuery/JavaScript) where students can analyze personal course history and explore other courses at Penn. Students can also examine larger, school-wide trends. www.openn.me (Fall 2014)
- **Wayback HN:** A cross between Hacker News and the Wayback Machine. Users can view old Hacker News homepages. Built with Flask. www.waybackhn.com (Summer 2015)

Leadership and Research Experience

- **Varsity Men's Heavyweight Rowing, University of Pennsylvania** Philadelphia, PA
 - *Division I, Varsity Coxswain* Sept. 2012 - Dec. 2014
 - Led teams of four to eight oarsmen up to twenty hours per week during racing seasons.
 - Excels at strategy evaluation and decision making in high-uncertainty, high-pressure situations.
- **Friedman Laboratory, University of Pennsylvania** Philadelphia, PA
 - *Researcher* Summer 2013, 2014
 - Created, ran, & debugged research experiments to investigate vaccination strategies against Herpes simplex virus

Interests

Adventure: Martial arts (2nd degree black belt in Tang Soo Do), backpacking (completed 50 mile hike through the Blue Ridge Mountains), and bicycling (100+ mile tours in Cape Cod and along California coastline)

Community: Actively participated in East Goshen Boy Scout Troop 21 (2001 - 2012). Volunteered with East Goshen Township's Parks & Recreation department to create and grow their Facebook presence from 0 to 250+ likes. Constructed pull-up bar station at East Goshen Park, leading a team of 15+ volunteers.

International: Strong cultural ties to Belgium (lived abroad there for 4 years) and Brazil