Jonathan C. Dubin

484.995.5729
http://jonathandub.in

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 developers to develop and deploy high-impact software.
  - Projects include: *MapsForAll*, a web application where nonprofits can post resources and users can find and filter resources near to them; *JournalUp*, a web platform that helps students write prompt-based essays and receive teacher feedback.

Languages: Java, Python, Flask, JavaScript, jQuery, LaTeX, 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