Jonathan C. Dubin

484.995.5729
github.com/jondubin
http://jonathandub.in
jonathandubin@gmail.com

Education

- **University of Pennsylvania** *May 2016*
  - Majors: Computer Science and Mathematical Economics, candidate for B.A.
  - 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 - Homepage Team *May 2015 - Aug. 2015*
  - Full-stack development (Java & JavaScript) on eBay's homepage, a product with 60 million daily visitors.
  - Built internal tool with JavaScript (Node.js, Express & React) to simplify on-call rotations for teams at eBay.

- **Hack4Impact** Philadelphia, PA
  Software Engineer *Jan. 2015 - present*
  - Develops high-impact software for non-profits, working with teams of student engineers.
  - Projects include: *MapsForAll*, a web platform that nonprofits use to showcase and list publicly available community resources; *JournalUp*, a web application where students write essays and receive instructor feedback.

Languages & Technologies: Java, Python, Flask, JavaScript, jQuery, Node.js, React, Meteor, LaTeX, html, css

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

Projects

- **Brand Killer:** AdBlock for real life. Head-mounted display and Python backend that augments reality and blurs ads in real time. Received international media attention and over 300K YouTube views. *www.jonathandub.in/cognizance*

- **PennCoursePlus:** Chrome extension (JavaScript) that augments course registrar, allowing students to browse and sort courses by class/professor ratings. Over 1000 Penn students actively use the service. *www.penncourseplus.com*

- **Hint**: Augments conversations in real time. Leverages Node.js, WebSockets, and NLP Compromise to intelligently listen to and participate in conversations. An honorable mention at Greylock's 2015 Hackfest. *hintjs.heroku.com*

- **Wayback HN:** A cross between Hacker News and the Wayback Machine (built with Flask), allowing users to view old Hacker News homepages. Over 15K users its first day online and now has over 100 daily users. *www.waybackhn.com*

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 on average twenty hours per week during racing seasons

- **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.