

Jonathan C. Dubin

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Education

- **University of Pennsylvania** May 2016
 - Majors: COMPUTER SCIENCE and MATHEMATICAL ECONOMICS, B.A.
 - Cumulative GPA: 3.85/4.00
 - Honors: Summa Cum Laude with distinction in Mathematical Economics
- **West Chester East High School, West Chester, PA** June 2012
 - Honors: Valedictorian

Experience

- **Airbnb** San Francisco, CA
 - Engineer* July 2016 - present
 - Lux: one of the first 10 engineers working Airbnb's new Luxury vertical
 - Growth team: Reactified Airbnb's authentication frontend, unlocking faster dev & experimentation cycles
- **Hack4Impact National** San Francisco, CA
 - Co-Director, www.hack4impact.org* June 2017 - present
 - Co-leads Hack4Impact's national org. Hack4Impact began at Penn, and is a nonprofit that builds software for other nonprofits.
 - The national org began in June 2017, spearheaded by a group of 6 alumni. Since then we've started a chapter program that has brought Hack4Impact chapters to seven schools already. More on their way.
- **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 Penn** Philadelphia, PA
 - Tech Lead & Software Engineer* Jan. 2015 - present
 - As a student, developed high-impact software for non-profits, working with and leading a team of student engineers.
 - Projects worked on 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: Interested in learning the best tool(s) for the job. Especially experienced with JavaScript and web technologies (React, Redux, HTML, CSS, Node). Have also worked extensively but not as recently with Rails, Java, Python, Flask, jQuery.

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.herokuapp.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