NICHOLAS R. EGAN

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EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)   Cambridge, MA
Major: Computer Science and Engineering (6-3), GPA: 5.0/5.0

WORK EXPERIENCE

AIRBNB, *SOFTWARE ENGINEERING INTERN* (May 2016 – August 2016)   San Francisco, CA
- Working as a full stack software engineer on the booking team
- Contributing to both backend API development in Ruby on Rails and frontend React components

PRICELINE.COM, *ANDROID DEVELOPMENT INTERN* (January 2016)   New York, NY
- Worked on the mobile team to help develop their native Android app and integrate analytics
- Priceline hackathon winner for Yo Priceline, which allows last minute hotel bookings through texting

DRAWBRIDGE, *FRONT END ENGINEERING INTERN* (June 2015 – August 2015)   San Mateo, CA
- Built highly interactive user interfaces and contributed to design, implementation, and code reviews

MIT CSAIL, *RESEARCH INTERN* (June 2014 – August 2014)   Cambridge, MA
- Assisted Professor Randall Davis in the Multimodal Understanding Group at the MIT Computer Science and Artificial Intelligence Laboratory; focused on software to enable natural interaction with information
- Used sketch-based software to facilitate the analysis of psychological clock drawing tests

HYTRUST, *PRODUCT DEVELOPMENT INTERN* (Jun–July 2013)   Mountain View, CA
- Responsible for Java software included in company's HyTrust Appliance 3.5 product

EGANSOFT (egansoft.com), *CEO and FOUNDER* (Jan 2010 – Present)   Mill Valley, CA
Software Projects
- **Showy** (beshowy.com): a site that lets you play presentations on the device of everyone in an audience
- **Physics Sketchpad**: a physics simulation app for Android devices, available on Google Play App Store
- **Text Inflator** (www.textinflator.com): a program that expands the length of a block of writing
Web Development Projects
- **Businesses:** qualityinnmontereybay.com, econolodgeseaside.com, teclawoffices.com
- **Charity and community organizations:** ciseeducationfund.org, marinyouthcourt.org

TOP HACKATHON PROJECTS
- **LA Hacks 2015:** *Winner of Best Use of Respoke API prize:* Auditionr, a site that allows directors of plays or movies to find actors for their productions through online group auditions.
- **HS Hacks II:** *Winner of Most Creative grand prize*: Znapper, a cross-platform mobile game that lets you have category based selfie battles with friends.
- **HackMIT 2015:** Currentcy, an app that automatically facilitates the circulation of communal phone chargers to people who need them.
- **LAUNCH Hackathon 2015:** Brain Hacks, a cross-platform mobile application that measures the mental impairment of people in comparison to their baseline through simple tests. Available for Android.
- **Meteor Hackathon:** Circa, an app that allows people to find and create events in their local area.

Technical Skills: Java, JavaScript (AngularJS, Node.js, React, jQuery, Ionic, Express.js, Meteor, Vanilla JS), PHP (Laravel), Python, SQL (MySQL), HTML5/CSS3, GNU/Linux, Ruby (Rails), Test Driven Development, Machine Learning (Neural Networks, Generative Models, Reinforcement Learning); Familiar with C/C#/C++

Related Coursework: Algorithms (6.006), Machine Learning (6.036), Software Construction (6.005), EECS Lab (6.01), Managerial Finance (15.401)