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
- Worked as a full stack software engineer on the booking team to develop new product features
- Contributed 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: Advanced Algorithms (6.046), Introduction to Algorithms (6.006), Machine Learning (6.036), Software Construction (6.005), Computational Structures (6.004), EECS Lab (6.01), Math for Computer Science (6.042), Probability and Random Variables (18.600), Managerial Finance (15.401)

Teaching Experience: Lab Assistant for Fundamentals of Programming (6.009)