

NICHOLAS R. EGAN

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EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)

Cambridge, MA

Major: Computer Science and Engineering (6-3)

WORK EXPERIENCE

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 code included in company's HyTrust Appliance 3.5 product
- Participated in final quality assurance testing and fixed bugs prior to product shipping

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, econolodge seaside.com, teclawoffices.com
- **Charity and community organizations**: ciseeducationfund.org, marinyouthcourt.org

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 who are tired, intoxicated, or concussed in comparison to their baseline through simple tests. Available on the Google Play App Store, and coming soon to iOS.
- **Outside Hacks**: Outside In, a mobile platform for crowdsourcing realtime information for Outside Lands attendees.
- **Meteor Hackathon**: Circa, an app that allows people to find and create events in their local area at any given time.

Technical Skills: Java, JavaScript (AngularJS, Node.js, jQuery, Ionic, Express.js, Meteor, Vanilla JS), PHP (Laravel), Python, SQL (MySQL), HTML5/CSS3, GNU/Linux; Familiar with C/C#/C++, Ruby

Related Coursework: Algorithms (6.006), EECS Lab (6.01)