COLE LEAHY

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GITHUB, LINKEDIN coleleahy

SKILLS Ruby, Rails, JavaScript, React, CSS3, HTML5, LaTeX; some SQL, D3, Git, and Rspec

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EDUCATION

App Academy   *2016*

- Web development training, < 3% acceptance, 1K hours of instruction and coursework
- Algorithms and data structures, pair programming, OOP, test-driven development

Massachusetts Institute of Technology   *2009–2014*

- Ph.D. Candidate, A.B.D., Department of Linguistics and Philosophy
- Published "Algebraicity and Implicit Definability in Set Theory" with Joel David Hamkins in current issue (57.3) of *Notre Dame Journal of Formal Logic*
- Research-level set theory, recursion theory, model theory, proof theory, many-valued and higher-order logics, real analysis, rational choice theory

Stanford University   *2005–2009*

- B.A. with Honors and Distinction, Department of Philosophy, GPA 3.87
- Biennial Suppes Award for Excellence in Philosophy, 2009
- Research assistantship, mathematical logic, analytic philosophy

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PROJECTS

AmznAlytics | JavaScript, D3   Live | GitHub

Responsive visualization of your Amazon order history

- Engineered extensible script to compute statistics from Amazon CSV reports
- Customized interactive SVG visualizations with JavaScript's D3 library

Iff*Not* | Rails, React, Flux   Live | GitHub

RESTful web application for technical Q&A among professional logicians

- Streamlined user experience through live rendering of mathematical markup
- Simplified voting procedure using polymorphic associations in Rails backend

Regexy | JavaScript, React   Live | GitHub

Single-page JavaScript game for teaching regular expressions

- Protected against potential browser crash by sanitizing user input
- Delivered assistive feedback with on-the-fly syntax highlighting

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WORK HISTORY

Hospitality Professional | Drink (Boston, MA)   *2013–2016*

- Achieved lead role at celebrated restuarant owned by James Beard Award winner
- Coordinated with 10 teammates to serve 300 guests nightly for $10K in sales

Teaching Assistant | Massachusetts Instiute of Technology   *2010–2013*

- Selected courses: Paradox and Infinity, Logic I, Moral Problems and the Good Life

Research Assistant | Ctr. for Study of Language and Information/Stanford *2008–2009*

- Analyzed contemporary social-psychology publications on *presence* in virtual reality
- Delivered regular briefs to head researcher, culminating in summary monograph