

COLE LEAHY

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GITHUB, LINKEDIN [coleleahy](#)

SKILLS Ruby, JavaScript, Lisp, CSS3, Rails, D3, React, Flux, SQL, RSpec, Git, \LaTeX , Z-Shell

EDUCATION App Academy Summer 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

IffNot | 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 restaurant owned by James Beard Award winner
- Coordinated with 10 teammates to serve 300 guests nightly for \$10K in sales

Teaching Assistant | Massachusetts Institute 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