

Benjamin Lee Greenman

Northeastern University  
308 West Village H  
440 Huntington Avenue  
Boston MA 02115  
types@ccs.neu.edu  
857.540.5145

## Research Interests

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Migratory Typing, Language Design, Type Theory, Constructions

## Education

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<b>Northeastern University</b>	2014 –
<i>Degree</i> Ph.D	
<i>Area</i> Programming Languages	
<i>Advisor</i> Matthias Felleisen	
<b>Cornell University</b>	2013 – 2014
<i>Degree</i> Master of Engineering	
<i>Major</i> Computer Science	
<i>Advisor</i> Ross Tate	
<b>Cornell University</b>	2010 – 2013
<i>Degree</i> Bachelor of Science	
<i>Major</i> Industrial and Labor Relations	
<i>Minor</i> Computer Science	
<b>Hudson Valley Community College</b>	2009 – 2010
<i>General Studies</i>	

## Employment

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<b>Knightsbridge Park</b> , New York NY	
☞ <i>Consultant (web scraping)</i>	2017
<b>Cornell University</b> , Ithaca NY	
☞ <i>Research Assistant</i>	2013 – 2014
☞ <i>Teaching Assistant for CS 3110</i>	2012 – 2014
<b>Rentenna Inc.</b> , New York NY	
☞ <i>Software Engineering Intern</i>	2012 – 2014

## Awards

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☼ <i>Northeastern CCIS Graduate Community Service Award</i>	2016
☼ <i>Cornell Computer Science Teaching Award</i>	2014
☼ <i>Cornell Computer Science Teaching Award</i>	2013

## Service

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☼ <i>PRL Retreat Organizer</i>	Fall 2018 – Spring 2019
☼ <i>PRL External Speaker Selection Committee</i>	Fall 2018 – Spring 2019
☼ <i>Housing Chair</i>	SPLASH 2018
☼ <i>Student Volunteer (Slack Monitor)</i>	ICFP 2018
☼ <i>CCIS Hiring Committee student representative</i>	Spring 2018
☼ <i>Student Volunteer</i>	POPL 2018
☼ <i>Artifact Evaluation Committee</i>	OOPSLA 2017
☼ <i>Artifact Evaluation Committee</i>	ECOOP 2017
☼ <i>Student Volunteer</i>	Turing Celebration 2017
☼ <i>Artifact Evaluation Committee</i>	OOPSLA 2016
☼ <i>Student Volunteer</i>	ECOOP 2016
☼ <i>Student Volunteer</i>	PLDI 2016
☼ <i>Student Volunteer</i>	POPL 2016
☼ <i>GTP Webmaster</i>	Spring 2016 – Spring 2019
☼ <i>PRL Webmaster</i>	Fall 2016 – Fall 2018
☼ <i>Student Volunteer</i>	ICFP 2015
☼ <i>Student Volunteer</i>	ECOOP 2015
☼ <i>CCIS Social Hour Czar</i>	Fall 2014 – Spring 2017

## Publications

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1. Preston Tunnell Wilson, Ben Greenman, Justin Pombrio, Shriram Krishnamurthi. DLS 2018  
*The Behavior of Gradual Types: A User Study*  
Boston, MA.
2. Daniel Feltey, Ben Greenman, Christophe Scholliers, Robert Bruce Findler, OOPSLA 2018  
and Vincent St. Amour.  
*Collapsible Contracts: Fixing a Pathology of Gradual Typing*  
Boston, MA.

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| 3. Ben Greenman, Matthias Felleisen.<br><i>A Spectrum of Type Soundness and Performance</i><br>St. Louis, MO.   | ICFP 2018  |
| 4. Ben Greenman, Zeina Migeed.<br><i>On the Cost of Type-Tag Soundness</i><br>Los Angeles, CA.  | PEPM 2018  |
| 5. Sam Tobin-Hochstadt, Matthias Felleisen, Robert Bruce Findler, Matthew Flatt,<br>Ben Greenman, Andrew M. Kent, Vincent St-Amour, T. Stephen Strickland,<br>and Asumu Takikawa.<br><i>Migratory Typing: 10 Years Later</i><br>Monterey, CA. | SNAPL 2017 |
| 6. Stephen Chang, Ben Greenman, and Alex Knauth.<br><i>Type Systems as Macros</i><br>Paris, France.   | POPL 2017  |
| 7. Asumu Takikawa, Daniel Feltey, Ben Greenman, Max S. New, Jan Vitek,<br>and Matthias Felleisen.<br><i>Is Sound Gradual Typing Dead?</i><br>St. Petersburg, Florida.   | POPL 2016  |
| 8. Asumu Takikawa, Daniel Feltey, Ben Greenman, Max S. New, Jan Vitek,<br>and Matthias Felleisen.<br><i>Position Paper: Performance Evaluation for Gradual Typing.</i><br>Prague, Czech Republic.   | STOP 2015  |
| 9. Ben Greenman, Fabian Muehlboeck, and Ross Tate.<br><i>Getting F-Bounded Polymorphism into Shape.</i><br>Edinburgh, Scotland.   | PLDI 2014  |

## Achievements

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| 🏆 1st place Pennsylvania State Birling Championship  | 2018        |
| 🏆 2nd place Pennsylvania State Birling Championship  | 2016, 2017  |
| 🏆 2nd place Barkpeelers Greased Pole Competition     | 2015, 2018  |
| 🏆 3rd place Pennsylvania State Birling Championship  | 2013, 2014  |
| 🏆 35 video game world records <a href="#">[link]</a> | 2007 – 2008 |