

Benjamin Lee Greenman

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

Research Interests

Migratory Typing, Language Design, Type Theory, Constructions

Education

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

Employment

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

Awards

☼ Northeastern CCIS Graduate Community Service Award	2016
☼ Cornell Computer Science Teaching Award	2014
☼ Cornell Computer Science Teaching Award	2013

Service

☼ CCIS Hiring Committee student representative	Spring 2018
☼ Student Volunteer	POPL 2018
☼ Artifact Evaluation Committee	OOPSLA 2017
☼ Artifact Evaluation Committee	ECOOP 2017
☼ Student Volunteer	Turing Celebration 2017
☼ Artifact Evaluation Committee	OOPSLA 2016
☼ Student Volunteer	ECOOP 2016
☼ Student Volunteer	PLDI 2016
☼ Student Volunteer	POPL 2016
☼ GTP Webmaster	Spring 2016 – Present
☼ PRL Webmaster	Fall 2016 – Present
☼ Student Volunteer	ICFP 2015
☼ Student Volunteer	ECOOP 2015
☼ CCIS Social Hour Czar	Fall 2014 – Spring 2017

Publications

1. Ben Greenman, Matthias Felleisen. ICFP 2018
A Spectrum of Type Soundness and Performance
St. Louis, MO.
2. Ben Greenman, Zeina Migeed. PEPM 2018
On the Cost of Type-Tag Soundness
Los Angeles, CA.
3. Sam Tobin-Hochstadt, Matthias Felleisen, Robert Bruce Findler, Matthew Flatt,
Ben Greenman, Andrew M. Kent, Vincent St-Amour, T. Stephen Strickland,
and Asumu Takikawa. SNAPL 2017
Migratory Typing: 10 Years Later
Monterey, CA.

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| 4. Stephen Chang, Ben Greenman, and Alex Knauth.
Type Systems as Macros
Paris, France. | POPL 2017 |
| 5. Asumu Takikawa, Daniel Feltey, Ben Greenman, Max S. New, Jan Vitek,
and Matthias Felleisen.
Is Sound Gradual Typing Dead?
St. Petersburg, Florida. | POPL 2016 |
| 6. Asumu Takikawa, Daniel Feltey, Ben Greenman, Max S. New, Jan Vitek,
and Matthias Felleisen.
Position Paper: Performance Evaluation for Gradual Typing.
Prague, Czech Republic. | STOP 2015 |
| 7. Ben Greenman, Fabian Muehlboeck, and Ross Tate.
Getting F-Bounded Polymorphism into Shape.
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 | 2007 – 2008 |