

Ben Greenman
University of Utah

EDUCATION

- Northeastern University 2014 – 2020
 - Degree* Ph.D
 - Area* Programming Languages
 - Advisor* Matthias Felleisen
 - Thesis* Deep and Shallow Types
- 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

- University of Utah 2023 – ongoing
 - Assistant Professor
- Brown University 2021 – 2023
 - Postdoctoral Researcher, CIFellows 2020
- Knightsbridge Park 2017
 - Consultant, Web Scraping
- Cornell University 2012 – 2014
 - Research Assistant
- Rentenna Inc. 2012 – 2014
 - Software Engineering Intern

AWARDS

- NSF SHF: Small: Little Tricky Logics 2023 – 2025
 - role: postdoc
- CRA/CCC/NSF CI Fellowship 2021 – 2023
- SIGPLAN Student Scholarship to: 50 Years of the ACM A.M. Turing Award 2017
- Northeastern CCIS Graduate Community Service Award 2016

- Cornell CS Teaching Award 2014, 2013

PROFESSIONAL SERVICE

- Co-Chair of Artifact Evaluation Committee & ERC OOPSLA 2023, OOPSLA 2022
- Program Committee TFP 2023, HATRA 2022, DLS 2022, ICFP 2021, PLDI 2021
- Artifact Evaluation Committee ECOOP 2017, OOPSLA 2017, OOPSLA 2016

PUBLICATIONS

Journal

- Ben Greenman, Christos Dimoulas, and Matthias Felleisen. TOPLAS 2022
Typed–Untyped Interactions: A Comparative Analysis
- Ben Greenman, Asumu Takikawa, Max S. New, Daniel Feltey, Robert Bruce Findler, JFP 2019
Jan Vitek, and Matthias Felleisen.
How to Evaluate the Performance of Gradual Type Systems

Conference, Symposium, and Hybrid Conference / Journal

- Ben Greenman ACM REP 2023
GTP Benchmarks for Gradual Typing Performance
- Ben Greenman, Sam Saarinen, Tim Nelson, and Shriram Krishnamurthi Programming 7.2, 2023
Little Tricky Logic: Misconceptions in the Understanding of LTL
- Kuang-Chen Lu, Ben Greenman, Carl Meyer, Dino Viehland, Programming 7.1, 2023
Aniket Panse, and Shriram Krishnamurthi
Gradual Soundness: Lessons from Static Python
- Siddhartha Prasad, Ben Greenman, Tim Nelson, John Wrenn, Koli Calling, 2022
and Shriram Krishnamurthi
Making Hay from Wheats: A Classsourcing Method to Identify Misconceptions
- Ben Greenman PLDI 2022
Deep and Shallow Types for Gradual Languages
- Ben Greenman, Lukas Lazarek, Christos Dimoulas, and Matthias Felleisen Programming 7.2, 2022
A Transient Semantics for Typed Racket
- Kuang-Chen Lu, Ben Greenman, and Shriram Krishnamurthi Programming 7.2, 2022
Types for Tables: A Language Design Benchmark
- Lukas Lazarek, Ben Greenman, Matthias Felleisen, and Christos Dimoulas ICFP 2021
How to Evaluate Blame for Gradual Types

- Ben Greenman, Matthias Felleisen, and Christos Dimoulas
Complete Monitors for Gradual Types OOPSLA 2019
- Preston Tunnell Wilson, Ben Greenman, Justin Pombrio, Shriram Krishnamurthi.
The Behavior of Gradual Types: A User Study DLS 2018
- Daniel Feltey, Ben Greenman, Christophe Scholliers, Robert Bruce Findler,
and Vincent St. Amour.
Collapsible Contracts: Fixing a Pathology of Gradual Typing OOPSLA 2018
- Ben Greenman, Matthias Felleisen.
A Spectrum of Type Soundness and Performance ICFP 2018
- Ben Greenman, Zeina Migeed.
On the Cost of Type-Tag Soundness PEPM 2018
- Sam Tobin-Hochstadt, Matthias Felleisen, Robert Bruce Findler, Matthew Flatt,
Ben Greenman, Andrew M. Kent, Vincent St-Amour, T. Stephen Strickland,
and Asumu Takikawa.
Migratory Typing: 10 Years Later SNAPL 2017
- Stephen Chang, Ben Greenman, and Alex Knauth.
Type Systems as Macros POPL 2017
- Asumu Takikawa, Daniel Feltey, Ben Greenman, Max S. New, Jan Vitek,
and Matthias Felleisen.
Is Sound Gradual Typing Dead? POPL 2016
- Ben Greenman, Fabian Muehlboeck, and Ross Tate.
Getting F-Bounded Polymorphism into Shape PLDI 2014

INVITED TALKS

- VardiFest, NJPLS
Little Tricky Logic: Misconceptions in the Understanding of LTL 2022
- Racket Con
Shallow Typed Racket, Shallow and Optional Types for Typed Racket 2020, 2022
- Boston University POPV Seminar
Complete Monitoring for Gradual Types 2020
- GRACE Workshop
Three Approaches to Gradual Typing 2018

STUDENTS SUPERVISED

- Taylor Allred
M.S., University of Utah 2022 – ongoing

- Siddhartha Prasad
Ph.D., Brown University 2022 – ongoing
- Qianfan Chen
Sc.B. with Honors [thesis], Brown University 2021 – 2022
- Kuang-Chen Lu
Ph.D., Brown University 2021 – 2022
- Milo Davis
B.S., Northeastern University 2017
- Zeina Migeed
B.S., Northeastern University 2016 – 2017

VOLUNTEERING

- Bootstrap Professional Development
Teaching Assistant Summer 2021
- Housing Chair SPLASH 2018
- Northeastern CCIS Hiring Committee
Student Representative Spring 2018
- PRL Offsite
Organizer Fall 2019
- Each One Teach One
AP Java Tutor Fall 2015
- Student Volunteer OOPSLA 2019; Turing Celebration 2017; POPL 2016, 2018;
PLDI 2016; ICFP 2015, 2018; ECOOP 2015, 2016
- Ithaca Media Arts
Teacher, LEGO Mindstorms Camp Summer 2012
- Cornell Math Explorers
Module Designer Winter 2011