

**IDENTIFYING INFORMATION:**

NAME: Greenman, Ben

ORCID iD: <https://orcid.org/0000-0001-7078-9287>

POSITION TITLE: Assistant Professor

PRIMARY ORGANIZATION AND LOCATION: University of Utah, Kahlert School of Computing, Salt Lake City, Utah, United States

**Professional Preparation:**

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
Northeastern University, Boston, MA, USA	PHD	12/2020	Computer Science
Cornell University, Ithaca, NY, USA	MENG	05/2014	Computer Science
Cornell University, Ithaca, NY, USA	BS	05/2013	Industrial and Labor Relations
Hudson Valley Community College, Troy, NY, USA	N/A	05/2010	General Studies

**Appointments and Positions**

2023 - present Assistant Professor, University of Utah, Kahlert School of Computing, Salt Lake City, Utah, United States

2021 - 2023 Postdoctoral Researcher (CIFellows2020), Brown University, Providence, Rhode Island, United States

2017 - 2017 Consultant, Knightsbridge Park, New York, NY, USA

2012 - 2014 Software Engineer, Rentenna Inc, New York, NY, USA

2012 - 2014 Research Assistant, Cornell University, Ithaca, NY, USA

**Products****Products Most Closely Related to the Proposed Project**

1. Greenman B, Prasad S, Di Stasio A, Zhu S, De Giacomo G, Krishnamurthi S, Montali M, Nelson T, Zizyte M. Misconceptions in Finite-Trace and Infinite-Trace Linear Temporal Logic. Lecture Notes in Computer Science [Internet] Cham: Springer Nature Switzerland; 2025. Chapter Chapter 30579-599p. Available from: [https://link.springer.com/10.1007/978-3-031-71162-6\\_30](https://link.springer.com/10.1007/978-3-031-71162-6_30) DOI: 10.1007/978-3-031-71162-6\_30
2. Nelson T, Greenman B, Prasad S, Dyer T, Bove E, Chen Q, Cutting C, Del Vecchio T, LeVine S, Rudner J, Ryjikov B, Varga A, Wagner A, West L, Krishnamurthi S. Forge: A Tool and Language for Teaching Formal Methods. Proceedings of the ACM on Programming Languages. 2024 April 29; 8(OOPSLA1):613-641. Available from: <https://dl.acm.org/doi/10.1145/3649833> DOI: 10.1145/3649833
3. Prasad S, Greenman B, Nelson T, Wrenn J, Krishnamurthi S. Making Hay from Wheats: A Classsourcing Method to Identify Misconceptions. Proceedings of the 22nd Koli Calling International Conference on Computing Education Research. Koli 2022: 22nd Koli Calling International Conference on Computing Education Research; 17 1 22; Koli Finland. New York,

NY, USA: ACM; c2022. Available from: <https://dl.acm.org/doi/10.1145/3564721.3564726>  
DOI: 10.1145/3564721.3564726

4. Greenman B, Saarinen S, Nelson T, Krishnamurthi S. Little Tricky Logic: Misconceptions in the Understanding of LTL. The Art, Science, and Engineering of Programming. 2022 October 15; 7(2):- . Available from: <https://programming-journal.org/2023/7/7> DOI: 10.22152/programming-journal.org/2023/7/7
5. Tunnell Wilson P, Greenman B, Pombrio J, Krishnamurthi S. The behavior of gradual types: a user study. Proceedings of the 14th ACM SIGPLAN International Symposium on Dynamic Languages. SPLASH '18: Conference on Systems, Programming, Languages, and Applications: Software for Humanity; 06 1 18; Boston MA USA. New York, NY, USA: ACM; c2018. Available from: <https://dl.acm.org/doi/10.1145/3276945.3276947> DOI: 10.1145/3276945.3276947

*Other Significant Products, Whether or Not Related to the Proposed Project*

1. Greenman B, Dimoulas C, Felleisen M. Typed–Untyped Interactions: A Comparative Analysis. ACM Transactions on Programming Languages and Systems. 2023 March 05; 45(1):1-54. Available from: <https://dl.acm.org/doi/10.1145/3579833> DOI: 10.1145/3579833
2. Ashton Wiersdorf, Stephen Chang, Matthias Felleisen, Ben Greenman. Type Tailoring. {38th European Conference on Object-Oriented Programming; 2024; Schloss Dagstuhl &#x2013; Leibniz-Zentrum f&#xFC;r Informatik; c2024. Available from: <https://drops.dagstuhl.de/entities/document/10.4230/LIPIcs.ECOOP.2024.44> DOI: 10.4230/LIPIcs.ECOOP.2024.44
3. Prasad S, Greenman B, Nelson T, Krishnamurthi S. Generating Programs Trivially: Student Use of Large Language Models. Proceedings of the ACM Conference on Global Computing Education Vol 1. CompEd 2023: ACM Global Computing Education Conference 2023; 05 1 23; Hyderabad India. New York, NY, USA: ACM; c2023. Available from: <https://dl.acm.org/doi/10.1145/3576882.3617921> DOI: 10.1145/3576882.3617921
4. Greenman B. Deep and shallow types for gradual languages. Proceedings of the 43rd ACM SIGPLAN International Conference on Programming Language Design and Implementation. PLDI '22: 43rd ACM SIGPLAN International Conference on Programming Language Design and Implementation; 13 0 22; San Diego CA USA. New York, NY, USA: ACM; c2022. Available from: <https://dl.acm.org/doi/10.1145/3519939.3523430> DOI: 10.1145/3519939.3523430

**Certification:**

I certify that the information provided is current, accurate, and complete. This includes but is not limited to current, pending, and other support (both foreign and domestic) as defined in 42 U.S.C. § 6605.

I also certify that, at the time of submission, I am not a party to a malign foreign talent recruitment program.

Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by Greenman, Ben in SciENcv on 2025-01-07 12:27:08