

**JUSTIN POMBRIO**  
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**Mailing Address**

146 Governor Street  
Providence, RI, 02906

**Permanent Address**

17 Dougans Alley  
Manchester, CT 06040

**Research Interests** Programming languages, with an emphasis on syntactic sugar.

**Education** **Brown University**, Providence, RI  
PhD in Computer Science (in progress)  
Masters in Computer Science

*June 2012 - Present*  
*May 2014*

**Worcester Polytechnic Institute**, Worcester, MA  
Bachelor of Science in Computer Science  
Bachelor of Science in Mathematical Science

*May 2011*

**Publications** Can We Crowdfund Language Design?  
Preston Tunnell Wilson, Justin Pombrio, Shriram Krishnamurthi

*Onward! 2017*

\*Teaching Programming Languages  
by Experimental and Adversarial Thinking  
Justin Pombrio, Shriram Krishnamurthi, Kathi Fisler

*SNAPL 2017*

\*Inferring Scope through Syntactic Sugar  
Justin Pombrio, Shriram Krishnamurthi, Mitchell Wand

*ICFP 2017*

Slimming Languages by Reducing Sugar:  
A Case for Semantics-Altering Transformations  
Junsong Li, Justin Pombrio, Joe Gibbs Politz, Shriram Krishnamurthi

*Onward! 2015*

\*Hygienic Resugaring of Compositional Desugaring  
Justin Pombrio, Shriram Krishnamurthi

*ICFP 2015*

\*Resugaring: Lifting Evaluation Sequences through Syntactic Sugar  
Justin Pombrio, Shriram Krishnamurthi

*PLDI 2014*

A Tested Semantics for Getters, Setters, and Eval in JavaScript  
Joe Gibbs Politz, Matt Carroll, Benjamin S. Lerner, Justin Pombrio, Shriram Krishnamurthi

*DLS 2012*

**Experience** **Graduate TA for PL Course**, Brown

*Fall 2013, 2014, 2015, 2016*

I constructed the programming assignments for the course and automated their grading. These assignments are the majority of the students' coursework; there are no exams. We grade both code and test cases. Automatically grading test cases is an interesting challenge: ask me about it.

**Kayak**, Concord, MA

*June 2011 – June 2012*

Kayak is a travel search engine. My most significant contribution was to redesign the ad management framework used by Kayak's account managers.

**Major Qualifying Project**, WPI

*March 2010 – May 2011*

My research project involved verifying cryptographic protocols using geometric logic. (Unpublished.)

**Chitika**, Marlborough, MA

*May – Aug 2008*

Chitika is a small internet advertising company. My largest contribution was to automate their click-fraud detection.

**Conference Talks:** PLDI'14, ICFP'15, Onward'15, NEPLS'15

**Artifact Evaluation Committee Reviewer:** PLDI'16

**Co-Organizer of** Racket Summer School 2017