

Aspiring PI Info:

- Ben Greenman (blg@cs.utah.edu)
- Assistant Professor
- University of Utah (former CIFellows postdoc at Brown)



Research interests:

- Language design & evaluation
- Gradual types, temporal logic, model-finding
- Benchmarking, user studies, misconceptions, testing

Current Project(s)

- No external funding
- Educating programmers to use model-finders via types, tests, diagrams, and language levels
 - FMiTF Track III: Education (hopeful)
- Empirical methods for typing dynamic languages
- Extensible types for coordination in Elixir

Project Idea(s)...

- Model-finding as lightweight FM
- Education grounded in cognitive principles
- Develop course for Utah, deepen courses at Brown
 - *Logic for Systems*
- Online, interactive textbook & training modules
- Measure class sizes, drop rates, online engagement

... and possible collaborators sought

- Ben = meta-FM to connect tools & stakeholders
 - @ In the Field, or FM
- Creating **programmable** interfaces, not natural-language interfaces

