

Harrison Goldstein

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Publications

Papers

*Do Judge a Test by Its Cover:
Combining Combinatorial and
Property Based Testing* **ESOP '21**

*Programming Language Support
for Natural Language Interaction* **SysML '18**

Other

*Conferences after COVID:
An Early-Career Perspective* **SIGPLAN
PL Perspectives**

*Delimited Continuations
and Monads (Short Survey)* **Pending**

Leadership

Editor in Chief **PLClub Blog**

Social Chair **POPL '21**

AV Coordinator **ICFP '20**

Research Interests

Property-Based Testing

QuickCheck, Combinatorial Testing, Generators

Functional Programming

Monads, Continuations, Haskell

Type Systems

Refinement Types, Bidirectional Type Checking

Education

University of Pennsylvania **Present**
Pursuing PhD in Computer Science

Cornell University **Fall '14 - Spring '19**
BS in Computer Science GPA 4.08
MEng in Computer Science GPA 4.02

Work Experience

Amazon Web Services **Summer '20**
Research Intern

Expanded and formalized a model of AWS access policies that captured the full complexity of the authorization system.

Explored an embedding of the model into SMT, to be used in the Zelkova tool.

Broadway Technology **Summer '17**
Software Engineer **- Summer '18**

Collaborated with individuals throughout the organization on tools that streamlined and improved Broadway's operations.

Led a number of projects, working as an internal consultant, a project manager, and a developer.

Susquehanna Intl. Group, LLP **Summer '16**
Technology Intern

Last Second Beach, LLC **Fall '15**
Chief Technology Officer **- Spring '16**

Honors and Awards

Certification in Engineering Leadership **Cornell ELCP**

1st Place Business Plan Competition **Cornell SHA**

Eagle Scout **Boy Scouts of America**

My love for learning underpins almost everything that I do—I take every chance I can to learn and grow. I am driven, focused, and goal-oriented, and I bring those values to all of the work that I do.

In my free time I love to cook, stream TV and movies, and spend time with friends.

Please reach out via email or Twitter for references or other information.