

Cassia Torczon

Philadelphia, PA

ctorczon@seas.upenn.edu

WORK

- **Computer Science Ph.D. Student**
University of Pennsylvania - Philadelphia, PA
I research programming languages, with a particular focus on usability of theorem provers

PUBLICATIONS

- **Effects & Coeffects in Call-by-Push-Value**
C. Torczon, E. Suárez Acevedo, S. Agrawal, J. Velez-Ginorio, and S. Weirich.
OOPSLA 2024

TALKS

- **Call-by-Push-Value with Coeffects**
Jane Street Programming Language Colloquium
December 2023

TEACHING

- **Instructor**
Introduction to Haskell (CIS 1904)
University of Pennsylvania
Spring 2025
- **Instructor**
REU Intro PL Seminar
University of Pennsylvania
Summer 2024
- **Teaching Assistant**
Advanced Programming (CIS 5520)
University of Pennsylvania
Fall 2023
- **Co-Instructor**
REU Intro PL Seminar
University of Pennsylvania
Summer 2023

PRIOR EDUCATION

- **B.A. Computer Science & Mathematics**
Rice University
GPA: 3.97 (Magna Cum Laude)

INDUSTRY EXPERIENCE

- **Software Engineer**
Microsoft - Bellevue, WA
I built data management tools for use in natural language search query understanding, with a focus on privacy compliance

AWARDS & RECOGNITION

- Phi Beta Kappa Member
- National Merit Finalist

SELECTED COURSEWORK

- **Computer Science**
Software Foundations, Advanced Programming, Advanced Topics in Programming Languages, Computer-Aided Verification
- **Mathematics***
Honors Linear Algebra, Combinatorics And Graph Theory, Number Theory, Abstract Algebra I - III
*at Rice University

SKILLS

- **Programming Languages**
CN, Coq, Haskell, OCaml, Dafny, C#, Java, C, Python
- **Natural Languages**
Spanish, French, American Sign Language

INTERESTS

Programming Languages	Formal Verification	Formal Logic	Proof Assistants
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