

Jason Gross
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EXPERIENCE

EDUCATION

Massachusetts Institute of Technology	2013–2021
PhD in Computer Science	Cambridge, MA
Advisor: Adam Chlipala	
<i>Thesis: Performance Engineering of Proof-Based Software Systems at Scale</i>	
<i>SM Thesis: An Extensible Framework for Synthesizing Efficient, Verified Parsers</i>	
Massachusetts Institute of Technology	2009–2013
BS in Mathematics and Physics	Cambridge, MA
GPA: 4.6/5	

INTERNSHIPS

PROFESSIONAL ACTIVITIES

- Co-maintainer of the Fiat Cryptography project (`mit-plv/fiat-crypto` on GitHub)
- Co-maintainer of the homotopy type theory Coq repository (`HoTT/HoTT` on GitHub)
- Program Committee Member of ITP 2023 and CoqPL 2022
- Supervising independent research in formalizing correspondence of affine logic to two-player games
- Instructor at MIT ESP Programs, Winter Applied Rationality Program, Monsoon Math Camp
- Circling Facilitator at The Relatable Company
- Member of SIPB (Student Information and Processing Board)

SELECT PAST ACTIVITIES

- Participant in MIRI Decision Theory Workshops
- Volunteer at CFAR workshops
- President of MIT Tech Squares
- Contributor to the SIPB BarnOwn project
- Project leader for MITeX, an online interface for composing L^AT_EX
- TA for 6.172: Performance Engineering
- TA for 8.012: Physics I and 8.022: Physics II at the Experimental Study Group
- Participant at Canada/USA Mathcamp

COMPUTER SKILLS

- Proficient: Coq, Mathematica, git, Python, JavaScript, BASIC
- Working knowledge: C, C++, Agda, OCaml, Haskell, Scheme, HTML, CSS, Perl, Java
- Basic knowledge: Matlab, Lean, Idris, Ruby, Go, Ur/Web, x86 Assembly