

**Jason Gross**  
**github.com/JasonGross**  
**people.csail.mit.edu/jgross**

CONTACT  
jgross@mit.edu  
(631) 790-8962

**EXPERIENCE**

**EDUCATION**

<b>Massachusetts Institute of Technology</b>	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>	
 <b>Massachusetts Institute of Technology</b>	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<sup>A</sup>T<sub>E</sub>X
- 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