

Ian Martiny

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- EDUCATION** *PhD Candidate*, Computer Science
University of Colorado Boulder, Boulder, CO, 2015-Present
- Master of Science*, Computer Science
University of Colorado Boulder, Boulder, CO, 2017
- Master of Science*, Mathematics
University of Pittsburgh, Pittsburgh, PA, 2015
- Bachelor of Science*, Mathematics
Virginia Commonwealth University, Richmond, VA, 2012
Concentration: Theoretical Math
Minor: Computer Science
- RESEARCH** My research focuses on computer security. My work has covered censorship resistance technologies and vulnerability discoveries.
- PUBLICATIONS** **ExSpectre: Hiding Malware in Speculative Execution**
Jack Wampler, Ian Martiny, Eric Wustrow
In *Proc. of Network and Distributed System Security Symposium (NDSS 2019)*,
February 2019
Acceptance rate: 17% (89/521)
- Proof-of-Censorship: Enabling centralized censorship-resistant content providers**
Ian Martiny, Ian Miers, Eric Wustrow
In *Proc. of the 22nd Intl. Conference on Financial Cryptography and Data Security (FC 2018)*, February 2018
Acceptance rate: 26% (29/110)
- AWARDS** **Outstanding Service Award** 2016-2017
Service to the Department, planning Tea time, Graduate Student Forum, and PhD Student Faculty Hiring Committee.
- Outstanding Teaching Award** 2015-2016
Teaching and Teaching Assistant work
- STEMinar Grant** Fall 2015, Spring 2017
Presenting work to general audience
- University of Pittsburgh Graduate Expo** 2015
10-minute thesis presentation
- TEACHING** *CSCI 2824: Discrete Structures—Student Faculty* Summers 2016, 2017
Computer Science Department, University of Colorado Boulder
- Teaching discrete math to computer science undergrads

CSCI 1300: Introduction to Programming—Teaching Assistant Fall 2015
Compute Science Department, University of Colorado Boulder

- Teaching introduction level programming (C++/Python) to undergrads

Teaching Assistant Summer 2015
Johns Hopkins Center for Talented Youth

- Teaching Cryptology to middle school children at summer camp
- Help drafting lectures

MATH 0230: Calculus II—Student Faculty Summer 2014
Mathematics Department, University of Pittsburgh

- Teaching second level Calculus to undergrads

MATH 0220-0240: Calculus I–III—Teaching Assistant Fall 2012–Spring 2015
Mathematics Department, University of Pittsburgh

- Assisting teaching Calculus through multi-variable Calculus to undergrads