

## Some Important Things About Aaron Weiss

- In 2014, started the first high school-run computer science capture the flag (CTF) competition, HSCTF, with 2,700 participants.
- In 2015 and 2016, helped run another CTF competition called sCTF with around 3,000 participants each time.
  - The point of these competitions is to be educational and to help high schoolers get more exposure to CS!
- Teaching assistant (technically grader) for COMPSCI 220 for Fall and Spring 2016
  - Ran discussion sections
  - Held weekly office hours
  - Answered questions on Piazza
  - Worked on course development
- Research assistant to Arjun Guha
  - Published one paper (Rehearsal: A Configuration Verification Tool for Puppet) in PLDI '16 on verifying determinacy, idempotency, and arbitrary predicates on Puppet manifests
  - Rehearsal won the “Distinguished Artifact” award at PLDI
  - Working on additional paper (hope to submit soon) on a synthesis-aided tool for Puppet
- Worked at a financial services startup, ProtoIPO, for a year starting in high school and into my first year at UMass
- Open source software developer
  - Wrote and maintained the most popular IRC library in Rust with 150+ stars and a dozen contributors
  - All research software is also open source
- Active participant in your 220 and 377 classes
  - Got A's in both
  - Tried to contribute additional ideas and perspective where relevant in class
- Awarded Dean's List every semester and three course citations
- Awarded travel scholarship for PLMW at ICFP '15 in Vancouver