CS 2450: Software Engineering

Resources

- Syllabus
- Examples from class

Tools

- How to set up ssh (public key, firewall)
- git book
- git cheat sheet
- git for computer scientists
- longer cheat sheet
- How to set up git for a centralized repository
- 25 tips for intermediate git users

Topics

- Unit tests, TDD, test coverage
  - [python -m unittest discover](https://docs.python.org/3/library/unittest.html#unittest.discover)
- Source control
- Profiling and optimization
- Debugging
- Project management
- Code review
- Lint tools

Reading

- The Rise of Worse is Better
- Software Engineering and Politics
- What “Worse is Better vs The Right Thing” is really about
- Software engineering schedule trick (6 part series)