CS 699 – Lec 8 Version Control - Gits

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Adapted from https://www.w3schools.com/git/ and the book Learn Enough Developer Tools to Be Dangerous by Michael Hartl

Logistics

- 5-min Project presentation after class
 - bring your laptop to me
 - whole team must come
- Any other question
- After deadline, submissions are marked late
 - cutoff time is not deadline it is there just to take care of network problems at deadline

Version Control

Version control system

- track changes in software projects
- view previous versions of files
- develop experimental features without disrupting the main development,
- securely back up the project and its history
- collaborate with others
- History: RCS, CVS, and Subversion, later Perforce, Bazaar, Mercurial etc.
- Git: Distributed version control system

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Git vs Github

- Git: A version control software
- GitHub
 - an online hosting platform
 - provides services built on top of the Git system
 - Similar platforms include Bitbucket and GitLab
 - most popular version control platform

Starting with Git