

<http://poloclub.gatech.edu/cse6242>

CSE6242 / CX4242: **Data** & **Visual** Analytics

Extremely Important: **Code backup & version control** **using `github.gatech.edu`**

Duen Horng (Polo) Chau

Assistant Professor

Associate Director, MS Analytics

Georgia Tech

Why back up your code?

- **Computer dies**, and sometimes at the most inconvenient times (e.g., right before deadline)
- Finding another computer quickly is easy, **recreating lost work and data is not.**
- Polo highly recommends using github.gatech.edu (i.e., git repository)
- Git is probably the most popular version control system in software development.
<https://en.wikipedia.org/wiki/Git>

github.gatech.edu

1. Backs up code
2. Provides version control
 - so you can revert to older versions when needed
3. Supports code branching
 - easy to collaboratively develop new features by integrating them into a "main" code base
4. Encourages you to write a README file (readme.md), shown on your repo's landing page

Github desktop client

Github provides easy-to-use FREE desktop clients for Mac and Windows (<https://desktop.github.com>)

- If you're new to Git/Github
- Or if you like GUI
- Or if you don't like typing commands

