

# Front-End Tools & Portfolio Course (Self-Paced)

Learn how to turn webpage designs into working code while tracking changes and collaborating with other developers using Git and GitHub. Improve your coding speed with Emmet and Visual Studio Code, and build portfolio-ready projects through hands-on practice guided by an experienced instructor.

Group classes in Live Online and onsite training is available for this course. For more information, email [onsite@graduateschool.edu](mailto:onsite@graduateschool.edu) or visit: <https://www.graduateschool.edu/courses/front-end-tools-portfolio-self-paced>



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## Course Outline

### Portfolio Development

- Code a project from scratch
- Get practice writing code with guidance and help from an expert instructor

### Git & GitHub

- Download & Install Git on Mac & Windows
- Git Setup: Your Name & Email
- Create a New Local Git Repository (Initialize Repository)
- Stage & Commit Files
- GitHub: Push to a Remote Repository
- GitHub: Pull From a Remote Repository
- GitHub: Clone (Download) a Remote Repository
- How to Handle Merge Conflicts
- View a List of Commits & Undo Changes
- Branches: Create, Switch, Push, Merge, & Delete

### Emmet & Visual Studio Code

- Visual Studio Code tips & tricks to make you a faster coder
- Emmet shortcuts for HTML and CSS