

# **Git & GitHub Command-Line Cheatsheet**

## **Initial Setup**

```
git config --global user.name "Your Name" git config --global user.email "you@example.com"
```

## **Clone a Repository**

```
git clone https://github.com/username/repo.git
```

## **Check Status**

```
git status
```

## **Add Files**

```
git add . git add filename
```

## **Commit**

```
git commit -m "message"
```

## **Push**

```
git push git push -u origin main
```

## **Pull**

```
git pull git pull origin main
```

## **Branching**

```
git branch feature-x git checkout feature-x git checkout -b feature-x git branch
```

## **Merge**

```
git checkout main git merge feature-x
```

## **Push New Branch**

```
git push -u origin feature-x
```

## **Common Fixes**

```
git pull --rebase git push
```

## **Undoing**

```
git restore --staged filename git restore filename git reset --soft HEAD~1 git reset --hard HEAD~1
```

## **Typical Workflow**

```
git pull git add . git commit -m "message" git push
```