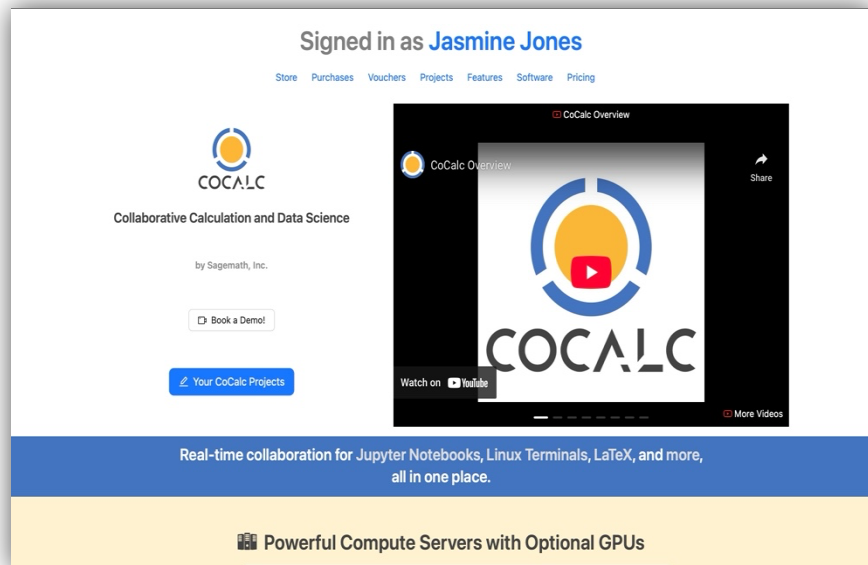


Name: Jasmine Jones

System Programming 2

September 4, 2025

## CoCalc Sign-in



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## Git Installation

```
##### 100.0%
==> Fetching git
==> Downloading https://ghcr.io/v2/homebrew/core/git/blobs/sha256:e757c188846b025c11296d10
##### 100.0%
==> Installing dependencies for git: libunistring, gettext and pcre2
==> Installing git dependency: libunistring
==> Downloading https://ghcr.io/v2/homebrew/core/libunistring/manifests/1.3
Already downloaded: /Users/jasminejones/Library/Caches/Homebrew/downloads/a570da63bc1839c7e217f203abd54d4d73ebd6b99f6e88994d0e79e2ebe987c--libunistring-1.3.bottle_manifest.json
==> Pouring libunistring--1.3.arm64_sequoia.bottle.tar.gz
  🍺 /opt/homebrew/Cellar/libunistring/1.3: 59 files, 5.4MB
==> Installing git dependency: gettext
==> Downloading https://ghcr.io/v2/homebrew/core/gettext/manifests/0.26
Already downloaded: /Users/jasminejones/Library/Caches/Homebrew/downloads/d28158ffec04fae757cdbeb46750e8e2d43b7b17ada49d72a5bda2cfff4cd6ed--gettext-0.26.bottle_manifest.json
==> Pouring gettext--0.26.arm64_sequoia.bottle.tar.gz
  🍺 /opt/homebrew/Cellar/gettext/0.26: 2,428 files, 28.2MB
==> Installing git dependency: pcre2
==> Downloading https://ghcr.io/v2/homebrew/core/pcre2/manifests/10.46
Already downloaded: /Users/jasminejones/Library/Caches/Homebrew/downloads/476078c344b0d9fa702da6e94d7fe5dd9bb1897d3fcc12d1b52b4bc0de68854--pcre2-10.46.bottle_manifest.json
==> Pouring pcre2--10.46.arm64_sequoia.bottle.tar.gz
  🍺 /opt/homebrew/Cellar/pcre2/10.46: 242 files, 6.8MB
==> Installing git
==> Pouring git--2.51.0.arm64_sequoia.bottle.tar.gz
==> Caveats
The Tcl/Tk GUIs (e.g. gitk, git-gui) are now in the 'git-gui' formula.
Subversion interoperability (git-svn) is now in the 'git-svn' formula.
==> Summary
  🍺 /opt/homebrew/Cellar/git/2.51.0: 1,693 files, 55.9MB
==> Running 'brew cleanup git'...
Disable this behaviour by setting 'HOMEBREW_NO_INSTALL_CLEANUP=1'.
Hide these hints with 'HOMEBREW_NO_ENV_HINTS=1' (see 'man brew').
==> No outdated dependents to upgrade!
==> Caveats
zsh completions and functions have been installed to:
/opt/homebrew/share/zsh/site-functions
==> git
The Tcl/Tk GUIs (e.g. gitk, git-gui) are now in the 'git-gui' formula.
Subversion interoperability (git-svn) is now in the 'git-svn' formula.
jasminejones@Jasmines-MacBook-Pro-2 ~ % git --version
git version 2.39.3 (Apple Git-146)
jasminejones@Jasmines-MacBook-Pro-2 ~ %
```

## GitHub Connection

```
jasminejones — -zsh — 109x31

| . 0 . . . |
| . + . + 0 . 0 |
| o = B X + o . + |
| + * % S o . . . |
| 0 * = + o o |
| + * = + E |
| o + . |
+----[SHA256]-----+
jasminejones@Jasmines-MacBook-Pro-2 ~ % eval "$(ssh-agent -s)"
Agent pid 4423
jasminejones@Jasmines-MacBook-Pro-2 ~ % ssh-add ~/.ssh/id_ed25519
Identity added: /Users/jasminejones/.ssh/id_ed25519 (jazones757@gmail.com)
jasminejones@Jasmines-MacBook-Pro-2 ~ % pbcopy < ~/.ssh/id_ed25519.pub

jasminejones@Jasmines-MacBook-Pro-2 ~ % ls -al ~/.ssh
total 24
drwx----- 5 jasminejones staff 160 Sep  4 18:11 .
drwxr-xr-x+ 34 jasminejones staff 1088 Sep  4 18:05 ..
-rw----- 1 jasminejones staff 411 Sep  4 18:11 id_ed25519
-rw-r--r-- 1 jasminejones staff 103 Sep  4 18:11 id_ed25519.pub
-rw-r--r-- 1 jasminejones staff 92 Sep  4 18:05 known_hosts
jasminejones@Jasmines-MacBook-Pro-2 ~ % pbcopy < ~/.ssh/id_ed25519.pub

jasminejones@Jasmines-MacBook-Pro-2 ~ % ssh -T git@github.com
Hi JasmineJones-code! You've successfully authenticated, but GitHub does not provide shell access.
jasminejones@Jasmines-MacBook-Pro-2 ~ %
```