

CS50 for MBAs

Technology Stacks

Help yourself to a souvenir CS50 Pen up front to left and right of my laptop!

Last Time

Mobile Strategies

Last Last Time

Web Programming

Seminar

Source Control with GitHub

Next Time

Web-Scale Data Management

This Time

Technology Stacks

- development environment
- language
- web host
- back-end framework
- database
- front-end framework
- monitoring
- caching
- queuing
- scaling
- testing
- security
- ...

Front End

CSS, HTML, JavaScript, ...

Angular, Ember, Meteor, React, Vue, ...

Bootstrap, Foundation, Semantic UI, ...

Back End

Go, Java, JavaScript, .NET, PHP, Python, Ruby, Scala, ...
Django, Flask, Laravel, .NET, Node.js, Rails, ...

Back End

Linux, Mac OS, Windows, ...

Back End

Amazon, Google, Microsoft, ...
Firebase, Heroku, ...

Back End

development, testing, staging, production

Back End

SQL, NoSQL, ...

MariaDB, MySQL, Oracle, PostgreSQL, SQL Server, ...

Bigtable, Cassandra, HBase, MongoDB, Redis, ...

Mobile

Android, iOS, ...

Java, Objective-C, Swift, ...

Cordova, Ionic, Meteor, React Native, Supersonic, Xamarin, ...

- code reviews
- continuous integration (CI)
- continuous deployment (CD)
- version control
- ...

- BitBucket
- GitHub
- GitLab
- ...

- Circle CI
- Codeship
- Jenkins
- Travis CI
- ...

Seminar

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