

CS50 for MBAs

Mobile Strategies

Last Time

Web Programming

- **Recruiting Software Engineers**
- Full-Stack Development with Node.js
- Data Visualization with D3

This Time

Mobile Strategies

- hybrid apps, native apps, web apps

web apps

CS50 for MBAs

CS50 for MBAs

Computer Science for Business Leaders

Harvard Business School
Q4 2017

Ask

Classes

Homework

Office Hours

Seminars

Staff

Syllabus

Copyright © David J. Malan

CS50 for MBAs

Secure https://cs50.github.io/hbs/

☆

⋮

CS50 for MBAs

Educational Objectives

This course is a variant of Harvard College's introduction to computer science, CS50, designed especially for MBA students. Whereas CS50 itself takes a bottom-up approach, emphasizing mastery of low-level concepts and implementation details thereof, this course takes a top-down approach, emphasizing mastery of high-level concepts and design decisions related thereto. Through a mix of technical instruction, discussion of case studies, and weekly programming projects, this course empowers students to make technological decisions even if not technologists themselves. Topics include cloud computing, networking, privacy, scalability, security, and more, with a particular emphasis on web and mobile technologies. Students emerge from this course with first-hand appreciation of how it all works and all the more confident in the factors that should guide their decision-making.



CS50 for MBAs

Computer Science for Business
Leaders

Harvard Business School
Q4 2017

[Ask](#)

[Classes](#)

[Homework](#)

[Office Hours](#)

[Seminars](#)

[Staff](#)

[Syllabus](#)

Copyright © David J. Malan



06 APR 2017 COLD CALL

Why German Business Supports, Trains, and Hires Syrian Refugees

Re: Rebecca Henderson

→ [More Cold Call](#)

17 APR 2017 HBS WORKING KNOWLEDGE

This Turkish Debt Collector Is Customer-centric

Re: Dennis Campbell

→ [More HBS Working Knowledge](#)

MBA

An intensive, two-year residential program leading to an MBA

**HARVARD
BUSINESS SCHOOL**



WOULD CALL
n Business
rains, and
Refugees

erson

G KNOWLEDGE
ollector Is



ABOUT

MBA

HBX

DOCTORAL

**EXECUTIVE
EDUCATION**

ALUMNI

**FACULTY &
RESEARCH**

BAKER LIBRARY

CAMPAIGN

**HARVARD BUSINESS
REVIEW**

**INITIATIVES &
PROJECTS**

- Bootstrap
- Foundation
- Semantic UI
- ...

native apps

- Android
- BlackBerry
- iOS
- Windows
- ...

99.6 percent of new smartphones run Android or iOS

While BlackBerry's market share is a rounding error

by [James Vincent](#) | [@jjvincent](#) | Feb 16, 2017, 6:11am EST

Operating System	4Q16 Units	4Q16 Market Share (%)
Android	352,669.9	81.7
iOS	77,038.9	17.9
Windows	1,092.2	0.3
BlackBerry	207.9	0.0
Other OS	530.4	0.1
Total	431,539.3	100.0

thousands of units

hybrid apps

- React Native
- Titanium
- Vue
- ...



Christina Pawlikowski, MBA '14

Next Time

Technology Stacks

CS50 for MBAs

Mobile Strategies