

The Nomadic Approach to teaching

iOS development

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About me

- **Summer Informatics School** (2013-2016)
- **CocoaHeads Russia** (2015-2017)
- **VK University** (2016-2017)
- **drobinin.com/talks**

In a nutshell

- Sharing knowledge is a must
- What's so "nomadic"?
- Learning as traveling
- Building a roadmap and planning the trip
- Removing obstacles

Why teach iOS?

**Why teach
iOS at all?**

Why teach at all?

- Master many disciplines
- Meet great people
- Constantly get better
- Give back to the community

**Give back
to the
community**

A wide-angle photograph of a vast desert landscape under a clear blue sky. In the foreground, a large, smooth sand dune with fine ripples in the sand dominates the view. In the middle ground, a caravan of camels, some carrying loads, is walking across the dunes. A person is visible leading the camels. The background shows more rolling dunes and a distant horizon.

The Nomadic Approach to teaching

A wide-angle photograph of a desert landscape featuring large, rolling sand dunes under a clear blue sky. In the lower portion of the image, a caravan of camels, each carrying a load on its back, is walking across the sand. A person is visible leading the camels. The overall scene is bathed in warm, golden light, suggesting late afternoon or early morning.

The **Nomadic** Approach to teaching

"Nomadic"?

Nomadic

A photograph of a nomadic caravan in a desert at sunset. The scene is dominated by the warm, golden light of the setting sun, which casts long shadows and creates a hazy, atmospheric background. In the center, a line of camels is walking across the sand dunes, their forms silhouetted against the bright sky. Two men, dressed in traditional desert attire, are walking alongside the camels, one in the foreground and one further back, both holding long walking sticks. The sand dunes are smooth and undulating, with some tracks visible on the surface. The overall mood is peaceful and evocative of a traditional nomadic lifestyle.

Learning \cap Traveling

Weekend trip

Goal

Turin

Move

Taxi

Explore

Mole Antonelliana

Try

Truffles

Learn

Greetings

Weekend trip

Goal	Turin	Swift
Move	Taxi	Playgrounds
Explore	Mole Antonelliana	for-loop, print
Try	Truffles	Foundation
Learn	Greetings	Classes

Long trip

Goal

Turin

Move

Rent a bike

Explore

Cities nearby

Try

Bake Sfogliatelli

Learn

Small talk

Long trip

Goal	Turin	Swift
Move	Bus	Xcode
Explore	Cities nearby	Data structures
Try	Bake Sfogliatelli	"Clone" Instagram
Learn	Small talk	Protocol-Oriented paradigm

"Living" vs "passing by"

Goal	Weekend	Long trip
Move	Playgrounds	Xcode
Explore	for-loop, print	Data structures
Try	Foundation	"Clone" Instagram
Learn	Classes	Protocol-Oriented paradigm

Relocate

Goal

Turin

Move

Buy a bike

Explore

Other parts of Italy

Try

Long-term rent

Learn

Language

Relocate

Goal	Turin	Swift
Move	Buy a bike	vim
Explore	Other parts of Italy	CoreML, ARKit, etc
Try	Long-term rent	Contribute to apple/swift
Learn	Language	LLDB et al

Building the roadmap

Finding the right motivation

- Engagement
- Improvement
- Independence
- Inspiration
- Involvement

How we prioritise

- Not important not urgent
- Urgent not important
- Important not urgent
- Urgent and important

How we share impressions

→ **Traveling**

Social media, blogs, souvenirs, recommendations

→ **iOS development**

Social media, blogs, apps, advice

How we estimate success

- Motivation
- Performance
- Rewards

Removing obstacles

Removing obstacles

- Procrastination
- Uncertainty
- Fear
- "Noise"

How to teach others?...

WE BARELY UNDERSTAND ANYTHING.

YEAH.

BUT THAT'S WHAT THE FIRST
PART OF UNDERSTANDING
EVERYTHING LOOKS LIKE.

Summary

- Please, share the knowledge
- If you know how to travel, then you know how to learn
- Your goals define your journey
- Set **honest** goals

Questions?

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