

5 Courses

- Functional Programming Principles in Scala
- Functional Program Design in Scala
- Parallel programming
- Big Data Analysis with Scala and Spark
- Functional Programming in Scala Capstone

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

11/23/2018

Victor David Sanchez

has successfully completed the online, non-credit Specialization

Functional Programming in Scala

This Specialization begins from the basic building blocks of the functional paradigm, first showing how to use these blocks to solve small problems, before building up to combining these concepts to architect larger functional programs. You'll see how the functional paradigm facilitates parallel and distributed programming, and through a series of hands on examples and programming assignments, you'll learn how to analyze data sets small to large; from parallel programming on multicore architectures, to distributed programming on a cluster using Apache Spark. A final capstone project will allow you to apply the skills you learned by building a large data-intensive application using real-world data.

Martin Odersky, Professor
Heather Miller, Research Scientist
Viktor Kuncak, Associate Professor
Aleksander Prokopec, Principal Researcher

Verify this certificate at:
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