



CERTIFICATE *of* ACHIEVEMENT



UCL
Université
catholique
de Louvain

Peter L. Van Roy

Professor of Computing Science and Engineering,
Head of the Programming Languages and Distributed
Computing Research Group
Institute of Information and Communication Technolo-
gies, Electronics and Applied Mathematics
Université catholique de Louvain

This is to certify that

Peter Diederik Bolier

successfully completed and received a passing grade in

**Louv1.1x: Paradigms of Computer Programming -
Fundamentals**

a course of study offered by LouvainX, an online learning
initiative of The Université catholique de Louvain (UCL) through edX.

VERIFIED CERTIFICATE
Issued November 19th, 2014

Verify the authenticity of this certificate at
<https://verify.edx.org/cert/e88f8392f2004677961f2e287c9457eb>