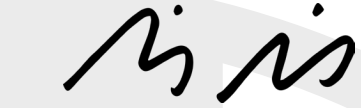
CERTIFICATE of ACHIEVEMENT



Gregor Kiczales
Professor, Department of Computer Science
The University of British Columbia

This is to certify that

Richard Hoskins

successfully completed and received a passing grade in

SPD1x: Systematic Program Design - Part 1: The Core Method

a course of study offered by UBCx, an online learning initiative of The University of British Columbia through edX.

VERIFIED CERTIFICATE
Issued July 14, 2015

Verify the authenticity of this certificate at
https://verify.edx.org/cert/773f9bb5062f48d2ba8f8c3c969f1450