



Certificate of participation

Qingbiao Li

successfully completed the required tasks in the:

Introduction to Robotics (MOOC)

a six-week course of study offered by QUT Open Online Learning,
an initiative of the Queensland University of Technology.

Peter Corke

Professor of Robotic Vision

Issued 15 October 2015

Queensland University of Technology
Brisbane, Australia

CRICOS No. 00213J

This certificate does not represent or confer credit points towards a QUT qualification.

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MARCH 04, 2014

Statement of Accomplishment

WITH DISTINCTION

LI QINGBIAO

HAS COMPLETED THE UNIVERSITY OF EDINBURGH'S ONLINE OFFERING OF



Artificial Intelligence Planning

The course provided a foundation in artificial intelligence techniques for planning, with an overview of the wide spectrum of different problems and approaches, including their underlying theory and their applications.

DR. GERHARD WICKLER
AIAI, SCHOOL OF INFORMATICS
UNIVERSITY OF EDINBURGH

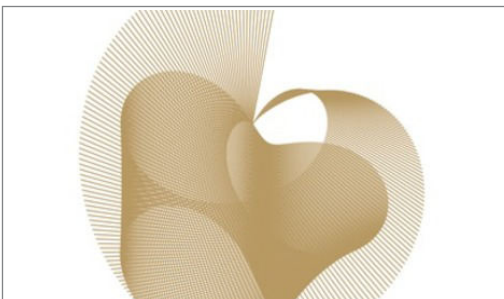
PROF. AUSTIN TATE
AIAI, SCHOOL OF INFORMATICS
UNIVERSITY OF EDINBURGH

AUGUST 15, 2014

Statement of Accomplishment

LI QINGBIAO

HAS SUCCESSFULLY COMPLETED THE UNIVERSITY OF LONDON ONLINE SHORT COURSE OFFERING OF



Creative Programming for Digital Media & Mobile Apps

This undergraduate level course will teach you how to develop interactive audio visual programs for desktop and mobile devices. Beyond the technical content, it places particular emphasis on the development of the skills needed to work on creative programming projects

DR MARCO GILLIES
COMPUTING DEPARTMENT, , GOLDSMITHS, UNIVERSITY
OF LONDON

DR MICK GRIERSON
COMPUTING DEPARTMENT, , GOLDSMITHS, UNIVERSITY
OF LONDON

DR MATTHEW YEE-KING
COMPUTING DEPARTMENT, , GOLDSMITHS, UNIVERSITY
OF LONDON

NOVEMBER 22, 2014

Statement of Accomplishment

WITH DISTINCTION

LI QINGBIAO

HAS SUCCESSFULLY COMPLETED RICE UNIVERSITY'S ONLINE OFFERING OF



An Introduction to Interactive Programming in Python

This introductory course taught students the basics of interactive programming in Python. Students built a collection of simple interactive games to solidify their understanding of the material.

JOE WARREN
PROFESSOR
DEPT. OF COMPUTER SCIENCE, RICE UNIVERSITY

JOHN GREINER
LECTURER
DEPT. OF COMPUTER SCIENCE, RICE UNIVERSITY

SCOTT RIXNER
PROFESSOR
DEPT. OF COMPUTER SCIENCE, RICE UNIVERSITY

STEPHEN WONG
LECTURER
DEPT. OF COMPUTER SCIENCE, RICE UNIVERSITY

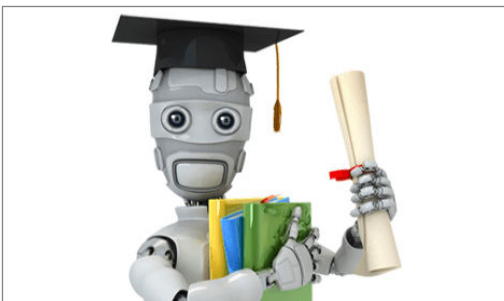
PLEASE NOTE: THE ONLINE OFFERING OF THIS CLASS DOES NOT REFLECT THE ENTIRE CURRICULUM OFFERED TO STUDENTS ENROLLED AT RICE UNIVERSITY. THIS STATEMENT DOES NOT AFFIRM THAT THIS STUDENT WAS ENROLLED AS A STUDENT AT RICE UNIVERSITY IN ANY WAY. IT DOES NOT CONFER A RICE UNIVERSITY GRADE; IT DOES NOT CONFER RICE UNIVERSITY CREDIT; IT DOES NOT CONFER A RICE UNIVERSITY DEGREE; AND IT DOES NOT VERIFY THE IDENTITY OF THE STUDENT.

SEPTEMBER 30, 2014

Online Course Statement of Accomplishment

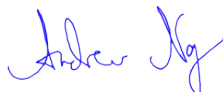
LI QINGBIAO

HAS SUCCESSFULLY COMPLETED A FREE ONLINE OFFERING OF THE FOLLOWING COURSE
PROVIDED BY STANFORD UNIVERSITY THROUGH COURSERA INC.



Machine Learning

Congratulations! You have successfully completed the online Machine Learning course (ml-class.org). To successfully complete the course, students were required to watch lectures, review questions and complete programming assignments.

A handwritten signature in blue ink that reads "Andrew Ng". The signature is written in a cursive, flowing style.

ASSOCIATE PROFESSOR ANDREW NG
COMPUTER SCIENCE DEPARTMENT
STANFORD UNIVERSITY

PLEASE NOTE: SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON CAMPUS BUT THEY ARE NOT EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THIS PARTICIPANT WAS ENROLLED AS A STUDENT AT STANFORD UNIVERSITY IN ANY WAY. IT DOES NOT CONFER A STANFORD UNIVERSITY GRADE, COURSE CREDIT OR DEGREE, AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT.

MARCH 23, 2015

Statement of Accomplishment

LI QINGBIAO

HAS SUCCESSFULLY COMPLETED



Model Thinking 模型思维 (中文版)

在本课程中，你将了解如何运用模型进行思考、理解我们生活的这个复杂世界。

A handwritten signature in black ink that reads "Scott Page".

SCOTT PAGE

LEONID HUWICZ COLLEGIATE PROFESSOR OF COMPLEX SYSTEMS, POLITICAL SCIENCE, AND ECONOMICS
UNIVERSITY OF MICHIGAN

PLEASE NOTE: THE ONLINE OFFERING OF THIS CLASS DOES NOT REFLECT THE ENTIRE CURRICULUM OFFERED TO STUDENTS ENROLLED AT THE UNIVERSITY OF MICHIGAN. THIS STATEMENT DOES NOT AFFIRM THAT THIS STUDENT WAS ENROLLED AS A STUDENT AT THE UNIVERSITY OF MICHIGAN IN ANY WAY. IT DOES NOT CONFER A UNIVERSITY OF MICHIGAN GRADE; IT DOES NOT CONFER UNIVERSITY OF MICHIGAN CREDIT; IT DOES NOT CONFER A UNIVERSITY OF MICHIGAN DEGREE; AND IT DOES NOT VERIFY THE IDENTITY OF THE STUDENT.

SEPTEMBER 03, 2014

Statement of Accomplishment

LI QINGBIAO

HAS COMPLETED THE UNIVERSITY OF EDINBURGH'S ONLINE OFFERING OF



Fundamentals of Music Theory

This course introduces students to the theory of music, providing the skills needed to read and write Western music notation, as well as to understand, analyse, and listen informedly.

DR MICHAEL EDWARDS, BA MMUS MA DMA
REID SCHOOL OF MUSIC, UNIVERSITY OF EDINBURGH

DR ZACK MOIR BA MMUS PHD PGCAP FHEA

DR. RICHARD WORTH BA, MMUS.

DR NIKKI MORAN BMUS MPHIL PHD

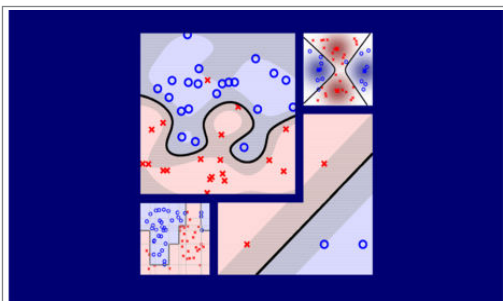
DR JOHN PHILIP KITCHEN, MA BMUS PHD FRCO

MARCH 10, 2015

Statement of Accomplishment

LI QINGBIAO

通過了國立臺灣大學開設的線上課程-



機器學習技法 (Machine Learning Techniques)

The course covers algorithmic, theoretical and practical techniques behind three major models: Kernel Models, Aggregation Models, and Extraction Models. [本課程講授三個重要的模型(核心模型、融合模型、萃取模型)背後的演算法、理論及實務技巧。]

林軒田 Hsuan-Tien Lin

PROFESSOR HSUAN-TIEN LIN, PH.D.
DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION ENGINEERING
NATIONAL TAIWAN UNIVERSITY

說明：此證書僅代表通過國立臺灣大學於 COURSERA 所開設的線上課程，線上課程合格證書在任何情況下均不代表學生取得國立臺灣大學的實際學分、學籍或學位。