



4 Courses

Java Programming: Solving
Problems with Software

Java Programming: Arrays, Lists,
and Structured Data

Object Oriented Programming
in Java

Data Structures and
Performance



01/11/2018

Aydar Aliev

has successfully completed the online, non-credit Specialization

Object Oriented Programming in Java

This Specialization is for aspiring software developers with some programming experience in at least one other programming language (e.g., Python, C, JavaScript, etc.) who want to be able to solve more complex problems through objected-oriented design with Java. In addition to learning Java, you will gain experience with two Java development environments (BlueJ and Eclipse), learn how to program with graphical user interfaces, and learn how to design programs capable of managing large amounts of data. These software engineering skills are broadly applicable across wide array of industries.

Rob Astrachan, Robert Duvall, Andrew D. Hilton, Susan H. Rodger, Mia Minnes, Leo Porter, Christine Alvarado

Owen Astrachan, Robert
Duvall, Andrew D. Hilton,
Susan H. Rodger
Duke

Mia Minnes, Leo Porter,
Christine Alvarado
UCSD

Verify this certificate at:
coursera.org/verify/specialization/Q9ECMDGVRWHX

UC San Diego

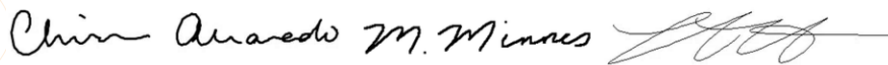
01/11/2018

Aydar Aliev

has successfully completed

Data Structures and Performance

an online non-credit course authorized by University of California, San Diego and
offered through Coursera



Christine Alvarado, Mia Minnes, Leo Porter
Associate Teaching Professor, Assistant Teaching Professor, Assistant Teaching Professor
Computer Science and Engineering

COURSE CERTIFICATE



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01/05/2018

Aydar Aliev

has successfully completed

Object Oriented Programming in Java

an online non-credit course authorized by University of California, San Diego and
offered through Coursera

Christine Alvarado *Mia Minnes* *Leo Porter*

Christine Alvarado, Mia Minnes, Leo Porter

COURSE
CERTIFICATE



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12/03/2017

Aydar Aliev

has successfully completed

Java Programming: Arrays, Lists, and Structured Data

an online non-credit course authorized by Duke University and offered through Coursera

Andrew D. Hilton, Robert Duvall, Owen Astrachan, Susan H. Rodger

**COURSE
CERTIFICATE**



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11/03/2017

Aydar Aliev

has successfully completed

**Java Programming: Solving Problems with
Software**

an online non-credit course authorized by Duke University and offered through
Coursera

Susan H. Rodgers, Owen Astrachan, Andrew D. Hilton, Robert Duvall

**COURSE
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their participation in the course.



12/20/2017

Aydar Aliev

has successfully completed

Bayesian Statistics

an online non-credit course authorized by Duke University and offered through
Coursera

A handwritten signature in black ink, which appears to read "Dr. Mine Çetinkaya-Rundel".

Dr. Mine Çetinkaya-Rundel, Dr. David Banks, Colin Rundel, Merlise A Clyde
Assistant Professor of the Practice, Professor of the Practice, Assistant Professor of the Practice, Professor
Statistical Science, Duke University

**COURSE
CERTIFICATE**



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11/26/2017

Aydar Aliev

has successfully completed

Linear Regression and Modeling

an online non-credit course authorized by Duke University and offered through
Coursera

A handwritten signature in black ink, appearing to read "Dr. Mine Çetinkaya-Rundel".

Dr. Mine Çetinkaya-Rundel
Associate Professor of the Practice
Statistical Science, Duke University

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their participation in the course.



11/02/2017

Aydar Aliev

has successfully completed

Inferential Statistics

an online non-credit course authorized by Duke University and offered through
Coursera

A handwritten signature in black ink, appearing to read "Dr. Mine Çetinkaya-Rundel".

Dr. Mine Çetinkaya-Rundel
Associate Professor of the Practice
Statistical Science, Duke University

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09/23/2017

Aydar Aliev

has successfully completed

Introduction to Probability and Data

an online non-credit course authorized by Duke University and offered through
Coursera

A handwritten signature in black ink, appearing to read "Dr. Mine Çetinkaya-Rundel".

Dr. Mine Çetinkaya-Rundel
Associate Professor of the Practice
Statistical Science, Duke University

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08/26/2017

Aydar Aliev

has successfully completed

Data Science Math Skills

an online non-credit course authorized by Duke University and offered through
Coursera

A handwritten signature in black ink, appearing to read "Daniel Egger".

Daniel Egger
Executive in Residence and Director,
Center for Quantitative Modeling
Pratt School of Engineering

A handwritten signature in black ink, appearing to read "Paul Bendich".

Paul Bendich
Assistant research professor of Mathematics
Associate Director for Curricular Engagement at the Information Initiative at Duke
Mathematics

**COURSE
CERTIFICATE**



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CERTIFICATE *of* ACHIEVEMENT



THE UNIVERSITY
of TEXAS SYSTEM

Steven Mintz

Executive Director,
Institute for Transformational Learning

The University of Texas System

James W. Pennebaker

Executive Director of Project 2021 and
Regents Centennial Professor of Psychology

The University of Texas at Austin

Dr. Robert van de Geijn

Professor of Computer Science

The University of Texas at Austin

Dr. Maggie Myers

Lecturer

The University of Texas at Austin

This is to certify that

Aydar Aliev

successfully completed and received a passing grade in

UT.5.05x: LAFF: Linear Algebra - Foundations to Frontiers

a course of study offered by UTAustinX, an online learning initiative of University of Texas System through edX.



VERIFIED CERTIFICATE
Issued December 10, 2017

VALID CERTIFICATE ID
[7fd8d0149908488fb770243314944ba6](https://courses.edx.org/certificates/7fd8d0149908488fb770243314944ba6)

Certificate of Completion

*This is to certify that Aydar Aliev successfully
completed 19 hours of Become a Calculus 1
Master online course on Jan. 24, 2018*

Krista King

Krista King, Instructor

&



Certificate no: UC-KWNI3300
Certificate url: ude.my/UC-KWNI3300

#BeAble

VERIFIED

CERTIFICATE *of* ACHIEVEMENT



UNIVERSITY OF
NOTRE DAME

Prof. Ying Cheng

Associate Professor, Department of Psychology

University of Notre Dame

This is to certify that

Aydar Aliev

successfully completed and received a passing grade in

DS101x: Data Science Online Readiness Assessment

a course of study offered by NotreDameX, an online learning initiative of University
of Notre Dame through edX.



VERIFIED CERTIFICATE
Issued January 23, 2018

VALID CERTIFICATE ID
[d402c3befc4e48afaf7bf4c192b88d90](https://courses.edx.org/certificates/d402c3befc4e48afaf7bf4c192b88d90)