



5 Courses

Programming Foundations with
JavaScript, HTML and CSS

Java Programming: Solving
Problems with Software

Java Programming: Arrays, Lists,
and Structured Data

Java Programming: Principles of
Software Design

Java Programming: Build a
Recommendation System



08/15/2019

Romany Kamal shafiq

has successfully completed the online, non-credit Specialization

Java Programming and Software Engineering Fundamentals

This Specialization covers the fundamentals of software development, focusing on a beginner-level introduction to rigorous problem-solving approaches while still embracing and extending traditional methods of computer science and software engineering. You'll explore foundational concepts such as algorithm development, data representation, and debugging, using common tools such as HTML/CSS, Javascript, and Java. In the final Capstone Project, you'll apply the skills you learned by creating a working recommender system that can help users find and choose items, such as films, books, or restaurants. Google has contributed real-world projects and the involvement of its engineers as guest lecturers to these courses.

Andrew D. Hilton
Associate Professor of
the Practice
Electrical and Computer
Engineering

Robert Duvall
Lecturer
Computer Science

Susan H. Rodger
Professor of the Practice
Computer Science

Owen Astrachan
Professor of the Practice
Computer Science

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