

Learning Java with Games

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Instead of teaching game design using Java, projects are designed to teach Java in a problem-solving approach that is both a fun and effective. *Learning Java with Games* introduces the concepts of Java and coding; then uses a project to emphasize those ideas. It does not treat the object-oriented and procedure and loop parts of Java as two separate entities to be covered separately, but interweaves the two concepts so the students get a better picture of what Java is.

After studying a rich set of projects, the book turns to build up a "Three-layer Structure for Games" as an architecture template and a guiding line for designing and developing video games. The proposed three-layer architecture not only merges essential Java object-oriented features but also addresses loosely coupled software architecture.

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69,54 €

64,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783319728858

Medium: Buch

ISBN: 978-3-319-72885-8

Verlag: Springer

Erscheinungstermin: 27.11.2018

Sprache(n): Englisch

Auflage: 1. Auflage 2018

Produktform: Gebunden

Gewicht: 1839 g

Seiten: 563

Format (B x H): 215 x 285 mm

