游戏程序员的学习之路

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1. 编程思想
2. 编程语言
3. 软件开发
4. 游戏程序员的数学课
5. 图形编程
6. 游戏引擎开发
7. 计算机图形学（CG）
8. 游戏音效
9. 游戏物理和动画
10. 游戏人工智能（AI）
11. 多人游戏编程

Legends

必修课	可选课
4	2

6. 编程思想

CORE
Code Complete 2nd Edition
Steve McConnell
Clean Code: A Handbook of Agile Software Craftsmanship
Robert C. Martin
The Pragmatic Programmer: From Journeyman to Master
Andrew Hunt / David Thomas
Refactoring: Improving the Design of Existing Code
Martin Fowler
Design Patterns: Elements of Reusable Object-Oriented Software
Erich Gamma / Richard Helm / Ralph Johnson / John Vlissides
Head First Design Patterns
Eric Freeman / Elisabeth Robson
Patterns of Enterprise Application Architecture
Martin Fowler
Pattern-Oriented Software Architecture Volume 1: A System of Patterns
Frank Buschmann / Regine Meunier / Hans Rohnert / Peter Sommerlad / Michael Stal
Pattern-Oriented Software Architecture Volume 2: Patterns for Concurrent and Networked Objects
Douglas C. Schmidt / Michael Stal / Hans Rohnert / Frank Buschmann
Pattern-Oriented Software Architecture Volume 3: Patterns and Pattern Languages
Frank Buschmann / Kevin Henney / Douglas C. Schmidt
Pattern-Oriented Software Architecture Volume 4: A Pattern Language for Distributed Computing
Frank Buschmann / Kevin Henney / Douglas C. Schmidt
Pattern-Oriented Software Architecture Volume 5: On Patterns and Pattern Languages
Frank Buschmann / Kevin Henney / Douglas C. Schmidt
Pattern Languages of Program Design 1
Robert Martin / Dirk Riehle / Frank Buchmann
Pattern Languages of Program Design 2
John Vlissides / James O. Coplien / Norman L. Kerth
Pattern Languages of Program Design 3
Robert Martin / Dirk Riehle / Frank Buchmann
Pattern Languages of Program Design 4
Neil Harrison / Brian Foote / Hans Rohnert
Pattern Languages of Program Design 5
Dragos Manolescu / Markus Voelter / James Noble
Pattern Languages of Program Design 6
Hakan Erdogmus / Uwe Zdun
Pattern Languages of Program Design 7
Uwe Zdun / Paris Avgeriou
Pattern Languages of Program Design 8
Paris Avgeriou / Uwe Zdun
Pattern Languages of Program Design 9
Paris Avgeriou / Uwe Zdun
Pattern Languages of Program Design 10
Paris Avgeriou / Uwe Zdun
Pattern Languages of Program Design