

Unity 5.x Game AI Programming Cookbook



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Reviews

This written book is excellent. It really is rally fascinating throgh studying period. You are going to like the way the writer write this publication.

(Hadley Ullrich)

UNITY 5.X GAME AI PROGRAMMING COOKBOOK

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Packt Publishing Limited, United Kingdom, 2016. Paperback. Book Condition: New. 235 x 190 mm. Language: N/A. Brand New Book ***** Print on Demand *****.Build and customize a wide range of powerful Unity AI systems with over 70 hands-on recipes and techniques About This Book * Empower your agent with decision making capabilities using advanced minimaxing and Negamaxing techniques * Discover how AI can be applied to a wide range of games to make them more interactive. * Instigate vision and hearing abilities in your agent through collider based and graph based systems Who This Book Is For This book is intended for those who already have a basic knowledge of Unity and are eager to get more tools under their belt to solve AI and gameplay-related problems. What You Will Learn * Use techniques such as A* and A*mbush to empower your agents with path finding capabilities. * Create a representation of the world and make agents navigate it * Construct decision-making systems to make the agents take different actions * Make different agents coordinate actions and create the illusion of technical behavior * Simulate senses and apply them in an awareness system * Design and implement AI in board games such as Tic-Tac-Toe and Checkers * Implement efficient prediction mechanism in your agents with algorithms such as N-Gram predictor and naive Bayes classifier * Understand and analyze how the influence maps work. In Detail Unity 5 comes fully packaged with a toolbox of powerful features to help game and app developers create and implement powerful game AI. Leveraging these tools via Unity's API or built-in features allows limitless possibilities when it comes to creating your game's worlds and characters. This practical Cookbook covers both essential and niche techniques to help you be able to do that and more....

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