Programming with JavaScript: Algorithms and Applications for Desktop and Mobile Browsers

By John David N. Dionisio, Ray Toal

Jones and Bartlett Publishers, Inc. Paperback. Book Condition: new. BRAND NEW, Programming with JavaScript: Algorithms and Applications for Desktop and Mobile Browsers, John David N. Dionisio, Ray Toal, Used in millions of web pages, JavaScript is an excellent teaching language and ideal for students delving into computer science for the first time. Designed specifically for the CS1 introductory programming course, Programming with JavaScript: Algorithms and Applications for Desktop and Mobile Browsers introduces students to computer science and programming using a modern approach. The text correlates to the ACM/IEEE CS1 course requirements and provides real-world case studies and numerous exercises throughout. The case studies show readers actual examples and their development from inception to final product. The authors cover unique topics not typically found in an introductory-level text, such as 2D and 3D graphics in web pages, multitouch and gesture interfaces, distributed computing, software engineering fundamentals, and coverage of powerful tools such as jQuery and regular expressions. To stress the importance of hands-on application in learning a programming language, the authors also provide numerous examples of working code, as well as exercises involving modification of that code. Key Features: -Addresses the knowledge units from the ACM/IEEE Computer Science Computing Curricula for...

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