



Programming for Musicians and Digital Artists: Creating music with Chuck

Ajay Kapur, Perry R. Cook, Spencer Salazar, Ge Wang

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Summary

Programming for Musicians and Digital Artists: Creating Music with ChuckK offers a complete introduction to programming in the open source music language ChuckK. In it, you'll learn the basics of digital sound creation and manipulation while you discover the ChuckK language. As you move example-by-example through this easy-to-follow book, you'll create meaningful and rewarding digital compositions and "instruments" that make sound and music in direct response to program logic, scores, gestures, and other systems connected via MIDI or the network.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About this Book

A digital musician must manipulate sound precisely. ChuckK is an audio-centric programming language that provides precise control over time, audio computation, and user interface elements like track pads and joysticks. Because it uses the vocabulary of sound, ChuckK is easy to learn even for artists with little or no exposure to computer programming.

Programming for Musicians and Digital Artists offers a complete introduction to music programming. In it, you'll learn the basics of digital sound manipulation while you learn to program using ChuckK. Example-by-example, you'll create meaningful digital compositions and "instruments" that respond to program logic, scores, gestures, and other systems connected via MIDI or the network. You'll also experience how ChuckK enables the on-the-fly musical improvisation practiced by communities of "live music coders" around the world.

Written for readers familiar with the vocabulary of sound and music. No experience with computer programming is required.

What's Inside

- Learn ChuckK and digital music creation side-by-side
- Invent new sounds, instruments, and modes of performance
- Written by the creators of the ChuckK language

About the Authors

Perry Cook, Ajay Kapur, Spencer Salazar, and Ge Wang are pioneers in the area of teaching and programming digital music. Ge is the creator and chief architect of the ChuckK language.

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Cameron Rodriquez:

This Programming for Musicians and Digital Artists: Creating music with ChuckK book is absolutely not ordinary book, you have it then the world is in your hands. The benefit you receive by reading this book is information inside this publication incredible fresh, you will get details which is getting deeper you actually read a lot of information you will get. This particular Programming for Musicians and Digital Artists: Creating music with ChuckK without we realize teach the one who reading through it become critical in imagining and analyzing. Don't end up being worry Programming for Musicians and Digital Artists: Creating music with ChuckK can bring any time you are and not make your carrier space or bookshelves' turn into full because you can have it in the lovely laptop even telephone. This Programming for Musicians and Digital Artists: Creating music with ChuckK having very good arrangement in word and layout, so you will not really feel uninterested in reading.

Laura Burke:

Exactly why? Because this Programming for Musicians and Digital Artists: Creating music with ChuckK is an unordinary book that the inside of the guide waiting for you to snap it but latter it will distress you with the secret this inside. Reading this book next to it was fantastic author who have write the book in such wonderful way makes the content on the inside easier to understand, entertaining means but still convey the meaning completely. So , it is good for you for not hesitating having this any longer or you going to regret it. This excellent book will give you a lot of advantages than the other book have got such as help improving your skill and your critical thinking way. So , still want to hesitate having that book? If I had been you I will go to the guide store hurriedly.

Gerald Allen:

Playing with family in a park, coming to see the coastal world or hanging out with good friends is thing that usually you might have done when you have spare time, subsequently why you don't try issue that really opposite from that. A single activity that make you not sensation tired but still relaxing, trilling like on roller coaster you already been ride on and with addition info. Even you love Programming for Musicians and Digital Artists: Creating music with ChuckK, you could enjoy both. It is fine combination right, you still need to miss it? What kind of hang-out type is it? Oh can happen its mind hangout fellas. What? Still don't get it, oh come on its called reading friends.

Rachel Daniels:

Beside this particular Programming for Musicians and Digital Artists: Creating music with ChuckK in your phone, it could give you a way to get nearer to the new knowledge or facts. The information and the knowledge you can got here is fresh from the oven so don't be worry if you feel like an outdated people live in narrow village. It is good thing to have Programming for Musicians and Digital Artists: Creating music

with Chuck because this book offers for you readable information. Do you often have book but you rarely get what it's exactly about. Oh come on, that will not end up to happen if you have this with your hand. The Enjoyable blend here cannot be questionable, including treasuring beautiful island. Techniques you still want to miss this? Find this book along with read it from currently!

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