



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 ChucK offers a complete introduction to programming in the open source music language ChucK. In it, you'll learn the basics of digital sound creation and manipulation while you discover the ChucK 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. ChucK 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, ChucK 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 ChucK. 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 ChucK 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 ChucK and digital music creation side-by-side
- Invent new sounds, instruments, and modes of performance
- Written by the creators of the ChucK 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 ChucK language.

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Cameron Rodriguez:

This Programming for Musicians and Digital Artists: Creating music with ChucK 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 ChucK 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 ChucK 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 ChucK having very good arrangement in word and layout, so you will not really feel uninterested in reading.

Laura Burke:

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Rachel Daniels:

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