The Art of Image Processing with Java

By Kenny A. Hunt

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While most other image processing texts approach this subject from an engineering perspective, **The Art of Image Processing with Java** places image processing within the realm of both engineering and computer science students by emphasizing software design. Ideal for students studying computer science or software engineering, it clearly teaches them the fundamentals of image processing. Accompanied by rich illustrations that demonstrate the results of performing processing on well-known art pieces, the text builds an accessible mathematical foundation and includes extensive sample Java code. Each chapter provides exercises to help students master the material.

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Editorial Review

Review

I was both surprised and intrigued by [the author's] use of beautiful and historically significant artistic imagery for illustrations throughout the book. … In example after example, Hunt demonstrates how effective such imagery can be in illuminating the principles that he is trying to convey. … this book does an excellent job of covering much of colour theory, with clear descriptions and effective diagrams and illustrations … this book has an excellent structure, hitting most of the subjects inherent in the handling of digital images within a computer graphics context. … I would highly recommend **The Art of Image Processing with Java** to anyone wishing to obtain a broad and practical knowledge of the science of handling digital images. … I would recommend this book to any computer science faculty member desiring to create a second graphics course that could be introduced at the sophomore or junior level, prior to the 3-D computer graphics course. ?Donald H. House, *Journal of Mathematics and the Arts*, March 2012

I found the details fascinating. … the style of the book is friendly and it is easy to read. … a good [and] very basic introduction to image processing…
?David Conrad, IProgrammer, October 2011

The Art of Image Processing with Java is a guide to using the common web application Java in filing and archiving vast amounts of digital photographs for later use or use in other applications. From processing digital images based on light, color, and more, Kenny Hunt gives a complete and comprehensive guide and overview of just what Jave can do with plenty of advanced techniques on editing and alterations as well as compression. **The Art of Image Processing with Java** is a strongly recommended guide for anyone who wants to use the application to its fullest.
?*Midwest Book Review*, January 2011

About the Author

Kenny Hunt got a pretty quick start at signal processing and engineering. He built his first crystal radio set at the age of 11 so that he could listen to St. Louis Cardinals baseball games at night hiding under the covers of his bed. Although he aspired to become a famous artist, economic realities and the possession of a disadvantaged skill set pushed him in another direction. He went on to obtain a B.S. in Electrical Engineering from the Southern Illinois University at Edwardsville and confesses to skipping classes in favor of Thursday afternoon Cardinal baseball games at Bush Stadium. After working as an electrical engineer for seven years, he went on to acquire a Ph.D. in Computer Science from the University of Iowa. Dr. Hunt now teaches in the undergraduate Computer Science program as well as the Masters of Software Engineering program at the University of Wisconsin-La Crosse.

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