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Log in

☰ Menu          ⊙ Search                                                              🛒 Cart

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# Encyclopedia of Computer Graphics and Games

Home > Reference work

**Editors:** Newton Lee

Comprehensive coverage of the history, technologies, & trends of computer graphics & games

Focuses on concepts, principles, & methodologies, with illustrative examples

Appropriate for industry professionals and academic communities worldwide

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## Sections

Table of contents
About this book
Keywords
Editors and Affiliations
About the editor
Bibliographic Information
Publish with us

## Table of contents (1405 entries)

Search within book

[                                                            ] [ 🔍 ]

← Previous    Page [ 1 ] of 71    Next →

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← Previous　　Page [ 1 ] of 71　　Next →

Back to top ↑

# About this book

*Encyclopedia of Computer Graphics and Games (ECGG)* is a unique reference resource tailored to meet the needs of research and applications for industry professionals and academic communities worldwide. The ECGG covers the history, technologies, and trends of computer graphics and games.

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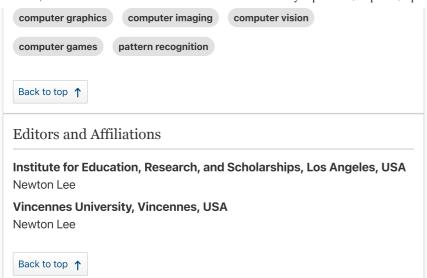**Duncan A. H. Williams**, Digital Creativity Labs, Department of Computer Science, University of York, York, UK

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Back to top ↑

# Keywords

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Back to top ↑

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Back to top ↑

## About the editor

**Newton Lee** is the founding president of the 501(c)(3) nonprofit Institute for Education, Research, and Scholarships based in Los Angeles, California, a former Disney and Bell Labs engineer, and a 2021 graduate of the FBI Citizens Academy.

Serving as an FBI Ambassador, Prof. Lee expounds on social media, campus safety, student mental health, cybersecurity, and counterterrorism as portrayed in the highly acclaimed Total Information Awareness book series published by Springer Nature. The Total Information Awareness trilogy has garnered rave reviews from *Newsweek*, *The Daily Beast*, *ACM Computing Reviews*, *AdWeek*, and *Choice Magazine*, among others. Veteran Staff Sergeant Andrew Price of the United States Air Force (USAF) remarked, "I am inspired by the prospect of world peace. I'd fully recommend following the author's steps, reaching beyond our borders, making friends outside our norm, and helping to foster world peace and a better tomorrow."

Prof. Lee has co-developed over 100 online games at The Walt Disney Company, and 12 bestselling and award-winning interactive titles including The Lion King Animated Storybook and Winnie the Pooh and the Honey Tree that were featured in the *Billboard* Magazine. He has also executive produced original songs that have played on American Idol and charted on US Billboard, UK Music Week, and US iTunes HOT 100 (Electronic).
He earned a B.S. and M.S. in Computer Science from Virginia Tech as well as an A.S. in Electrical Engineering and an honorary doctorate in Computer Science from Vincennes University. He has been honored with a Michigan Leading Edge Technologies Award, two community development awards from the California Junior Chamber of Commerce, and four volunteer project leadership awards from The Walt Disney Company.

Back to top ↑

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Back to top ↑

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Policies and ethics

Back to top ↑