

## Kenneth A. Lambert

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### Education:

M.S. (Computer Science)	Wright State University	1985
Ph.D. (Philosophy)	Rutgers University	1984
B.A. (Philosophy)	Bucknell University	1973

### Fields of Specialization:

Computer Science Education, Programming Language Design, Software Development, Aesthetics, Philosophy of History

### Professional Experience:

Professor of Computer Science, Washington and Lee, 1997 -  
Associate Professor of Computer Science, Washington and Lee, 1991-1997  
Assistant Professor of Computer Science, Washington and Lee, 1985-1991  
Department Head of Computer Science, Washington and Lee, 2013-  
Department Head of Computer Science, Washington and Lee, 2005-2009  
Department Head of Computer Science, Washington and Lee, 1999-2003

### Courses Taught at Washington and Lee:

CSCI 101	Survey of Computer Science
CSCI 111	Fundamentals of Programming I
CSCI 112	Fundamentals of Programming II
CSCI 209	Software Development
CSCI 210	Computer Organization
CSCI 251	iOS Application Programming
CSCI 312	Programming Language Design
CSCI 313	Theory of Computation
CSCI 315	Artificial Intelligence
CSCI 320	Parallel Computing
CSCI 325	Distributed Systems
CSCI 330	Operating Systems
CSCI 332	Compiler Construction
CSCI 340	Graphics

PHIL 215	Philosophy of History
PHIL 264	Aesthetics
PHIL 298	Freud and Philosophy
PHIL 315	Hegel

## **Publications:**

### **eBooks:**

*Easy GUI Programming in Java* (Apple iTunes Store, Amazon, and Barnes and Noble), 2017.

*A Gentle Introduction to Functional Programming in Haskell* (Apple iTunes Store, Nook Press), 2016.

*Easy GUI Programming in Python* (Apple iTunes Store, Amazon, and Barnes and Noble), 2012.

### **Textbooks:**

*Fundamentals of Python: First Programs, Second Edition*, Cengage Learning, 2019.

*Fundamentals of Python: Data Structures, Second Edition*, Cengage Learning, 2019.

*Python Programming for Teens*, Course Technology/Cengage Learning, 2015.

*Programming Languages: Principles and Practice, Third Edition* (co-authored with Kenneth Loudon), Course Technology/Cengage Learning, 2012.

*Fundamentals of Java: AP Computer Science Essentials, Fourth Edition* (co-authored with Martin Osborne), Course Technology/ Cengage Learning, 2011.

*Java: A Framework for Program Design and Data Structures, Second Edition* (co-authored with Martin Osborne), Brooks/Cole Publishing Company, 2004.

*Java: A Framework for Programming and Problem Solving, Second Edition* (co-authored with Martin Osborne), Brooks/Cole Publishing Company, 2002.

*Fundamentals of C++: Introductory Course, Second Edition* (co-authored with Douglas Nance), Course Technology/ITP, 2001.

*Fundamentals of C++ and Data Structures, Second Edition* (co-authored with Thomas Naps), Course Technology/ITP, 2001.

*Smalltalk in Brief: Introduction to Object-Oriented Software Development* (co-authored with Martin Osborne), PWS, 1997.

**Software:**

*breezypythongui*, 2012.

*BreezySwing*, (co-authored with Martin Osborne), 2002.

**Workshops Given at Professional Meetings:**

*Easy GUIs with Java in the Computer Science Curriculum*, Thirtieth SIGCSE Technical Symposium on Computer Science Education, 1999.

**Papers Presented at Professional Meetings:**

"19<sup>th</sup> Century Truth," (co-authored with Nathaniel Goldberg), 4<sup>th</sup> Annual Lehigh Philosophy Conference, 2016.

"Commentary on The Concept as Self-Determination: Hegel on the Conceivability of Self-Determination," 66th Annual Meeting of The Metaphysical Society of America, 2015.

"Easy, Realistic GUIs in CS1," (co-authored with Martin Osborne), *Proceedings of the Fourteenth Annual CCSC Southeastern Conference*, Roanoke (November, 2000).

**Articles:**

"An ALGOL Object Code Interpreter in Scheme," *ACM SIGCSE Bulletin*, Volume 24, Number 3 (September, 1992).

"Compiling TinyTuring in a Compiler Construction Course," *ACM SIGCSE Bulletin*, Volume 22, Number 3 (September, 1990).

"Parsing TinyAda in a Programming Language Design Course," *ACM SIGCSE Bulletin*, Volume 21, Number 2 (June, 1989).

**Professional Service:**

Session Chair, Biennial Meeting of The Hegel Society of America, October, 2018.

External Reviewer for Macalester College Computer Science Department, April, 2018.

AP Computer Science Reader, 2000, 2005, 2006, 2007.