

About the Authors

Roseann Rayes Krane

Roseann Rayes Krane taught business administration in community colleges for 15 years, and then redirected her focus when personal computers became popular. She started a computer business building and supplying PCs to schools and businesses as well as installing networking systems. She received an advanced degree in Computer Education and developed a new Computer Science department at Monte Vista High School in Danville, California, where she taught programming and networking. She also taught summer workshops for students at the Lawrence Livermore Department of Energy Laboratory. In competitions she and her students won six National Science Foundation grants, three National Supercomputing competitions, a Smithsonian competition, and two International ThinkQuest competitions where they presented in Geneva Switzerland. Her most exciting moment was when her team of students presented their program written in C# on stage with Bill Gates at the debut of Visual Studio 2003®.



Patricia Philips

Patricia taught computer science for 20 years in Janesville, Wisconsin. She served on Microsoft®'s National K–12 Faculty Advisory Board and edited the Microsoft MainFunction website for technology teachers for two years. For the past four years, she has worked with Microsoft in a variety of roles related to K–12 curriculum development and pilot programs, including Web design and XNA®. In her role as an author and editor, Patricia wrote several articles and a student workbook on topics including computer science, Web design, and computational thinking. She is currently the editor of the Computer Science Teachers Association newsletter, the *Voice*.



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Paul teaches computer technology, intermediate and advanced computers, and Web development at Franklin High School in Elk Grove, California. As an adjunct college professor, he has taught database technologies, computer presentation graphics, systems analysis, networking and Internet at the graduate and undergraduate levels.

Additionally Paul has 30 years as a working professional in the IT field including chief technology architect, chief of computer services, director of computer services, technical project manager, technical manager, applications supervisor, programmer, and computer auditor.

Shari Due

Shari is an IT network specialist instructor at Gateway Technical College in Racine, Wisconsin, where she has worked for the past 15 years. Previously, she worked for Digital Equipment Corporation (DEC) in Elk Grove, Illinois. She holds a bachelor of science from the University of Wisconsin-Parkside in Math and Economics with a minor in Computer Science and an MBA from the University of Wisconsin-Eau Claire. Current industry certifications include: Comptia Server+, Linux+, A+, Network+, and i-Net+. Past certifications include: MCSE-NT 4.0, CCNA, and Pathworks for Macintosh. She is a Cisco Certified Instructor for Cisco's Network Academy and teaches the CCNA curriculum. She has published the book *Advanced WordPerfect Using Macro Power: A Guide for VMS and DOS Users* by Digital Press.

Tim McMichael

Tim has been a high school computer science teacher for the past 11 years. He currently teaches advanced placement computer science, .NET programming, and computer game programming at Raymond S. Kellis High School in Glendale, Arizona. Prior to teaching, Tim worked for several years as a database application developer. Tim is the author of the Windows Development Exam Review Kit in the Developer Exam Review Kit series.

Terrel Smith

Terrel Smith has been teaching computer science in Oregon at the Sherwood School District for 30 years. He earned an MA from Western Oregon University and the Professional Technical Certification from the State of Oregon and recently completed the George Fox University's Administrative licensure program. He is an adjunct professor at George Fox University in Newberg, Oregon, where he teaches technology classes for educators. He has served on panels and taught educators from across the state of Oregon in the SuperQuest Summer Institute sponsored by the Software Associates of Oregon. He has recently been involved in developing and promoting computer game design curriculum for his secondary students at Sherwood High School, and has taught teachers how to incorporate game design into their middle school and high school technology curriculums. Terrel is the current president of the Oregon Computer Science Teachers' Association.

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