The Psychology of Computer Programming

“... you owe it to yourself to pick up a copy of this wonderful book. Once you've digested it, you should then track down all of the other Weinberg textbooks published by Dorset House. ... Every one of them is a jewel.”

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“What surprised me as I read it again was how timely Weinberg's questions remain.”

—Dwayne Phillips, Editor's Choice

“The Psychology of Computer Programming ... was the first major book to address programming as an individual and team effort, and became a classic in the field. ... Despite, or perhaps even because of, the perspective of 1971, this book remains a must-read for all software development managers.”

—J.J. Hirschfelder, Computing Reviews

“I discovered the book in 1977, and decided I wanted to work as an egoless software engineer, not as a radio disk jockey. ... Sometimes, oldies are goodies. Old books can be even better when they're revised to assess their prophecies and sage advice.”

—Johanna Rothman

Reflections, Rothman Consulting Group

“For this Silver Anniversary Edition, I decided to take my own advice to people whose work is reviewed in technical reviews: I would not try to hide my errors, for they may be the source of the most learning for my readers. I have left the original text as it was—antiques and all—for your illumination, and have simply added some ‘wisdom of hindsight’ remarks whenever the spirit moved me. I hope you find the perspective brought by this time-capsule contrast as useful to you as it was enlightening to me.”

—from the preface to the Silver Anniversary Edition

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About the Author

When the first edition was released in 1971, Gerald M. Weinberg was Professor of Computer Systems at the School of Advanced Technology, State University of New York, Binghamton. Since 1956, Weinberg has led the industry as a programmer, manager, author, speaker, and consultant.

This landmark 1971 classic is reprinted with a new preface, chapter-by-chapter commentary, and straight-from-the-heart observations on topics that affect the professional life of programmers.

Long regarded as one of the first books to pioneer a people-oriented approach to computing, The Psychology of Computer Programming endures as a penetrating analysis of the intelligence, skill, teamwork, and problem-solving power of the computer programmer.

Finding the chapters strikingly relevant to today’s issues in programming, Gerald M. Weinberg adds new insights and highlights the similarities and differences between now and then. Using a conversational style that invites the reader to join him, Weinberg reunites with some of his most insightful writings on the human side of software engineering.

Topics include egos, program- ming, intelligence, psychological measurement, personality factors, motivation, training, social problems on large projects, problem-solving ability, programming language design, team formation, the programming environment, and much more.

Dorset House Publishing is proud to make this important text available to new generations of programmers—and to encourage readers of the first edition to return to its valuable lessons.

“... many of the lessons about managing and leading people are as timely today as they were when the book first appeared.”

—C.J. Van Wyck, CHOICE

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