The Dawn of Software Engineering: from Turing to Dijkstra

Edgar G. Daylight, Niklaus Wirth, Tony Hoare, Barbara Liskov, Peter Naur

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Did Alan Turing play a major role in the advent of the all-purpose computer? Did Turing Award winners, like Edsger W. Dijkstra, depend on his famous accomplishments?

In his well-researched book *The Dawn of Software Engineering: from Turing to Dijkstra*, Edgar G. Daylight deromanticizes Turing's & logic's role in the history of computing.

Dijkstra's pioneering work in compilers lies at the heart of modern-day computers. The book vividly describes how & why Dijkstra's ideas stood out among those of his contemporaries.

This book includes interviews with Turing Award winners Tony Hoare, Niklaus Wirth, Peter Naur, and Barbara Liskov.

"The Dawn of Software Engineering is a rich and fascinating account of the time when software engineering was a compelling intellectual discipline at the center of computer science." — John C. Reynolds, CMU

"wonderfully novel, very readable, and most engaging" — Grady Booch, IBM Fellow

"a very deserving contribution to understanding the influence of fundamental results of science onto practice" — Manfred Broy, TUM

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