Discover the Art and Science of Programming:
 • *Build a solid foundation in programming through engaging explanations of variables, control structures, and functions.*
 • *Unravel the inner workings of virtual machines and explore how they connect software to hardware.*
 • *Dive into hardware projects with the Raspberry Pi Pico, bridging software and physical computing.*
 • *Explore compilers, interpreters, and the pipeline that transforms code into executable programs.*
 • *And much more …*

This book encourages a project-based learning approach, empowering you to experiment, build, and create. With LLMs as your learning companions, you'll discover how to use modern tools while sharpening your critical thinking skills.

Whether you're exploring your moderate programming experience or refining your gained expertise, this book is your companion to mastering the tools and philosophies that shape modern computing.

Set Lonnert has been deeply involved with computers since the late 1970s, combining practical programming experience with a passion for teaching and writing. Over the decades, he has educated students, and authored approximately 80 articles on computing and programming for computer journals. His expertise extends to early internet technologies and web development, where he participated in discussions on the future of the internet.

In 1997, Set published an introductory book on programming in Java and later embraced new platforms, such as iPhone development in 2010 when the technology was still in its infancy. Even though it has always been a hobby for him, his career reflects a lifelong dedication to exploring, understanding, and sharing 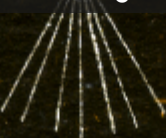the evolving world of computers and programming.