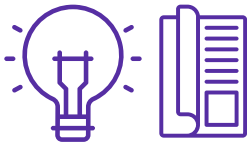## Programming

Carsten Schulte

BEST KNOWN FOR

Block Model of Programming

Bio in Brief

Professor Dr. Carsten Schulte - Didactics of Informatics. This is the study of the educational environment which enable the knowledge construction of primary concepts of computer science and the development of necessary skills. He has devised the 'Block Model' of program comprehension which divides understanding a program into twelve distinct 'Zones'. Learners should be able to develop knowledge in each zone, and move between them.. It can lbe used to categorise tasks and identify the need for specific interventions

Important Literature Links

Schulte, C (2008) Block Model an educational model of program comprehension as a tool for a scholarly approach to teaching.In Proceedings of the 39th SIGCSE Technical Symposium on Computer Science Education (pp. 265-269). ACM. Available at: https://dl.acm.org/doi/pdf/10.1145/1404520.1404535

Schulte, C., Clear, T., Taherkhani, A., & others (2010). An introduction to program comprehension for computer science educators. In Proceedings of the 2010 ITiCSE working group reports (pp. 65-86). ACM..