

# LOGIC IN COMPUTER SCIENCE, COMPUTER ENGINEERING AND MATHEMATICS

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In software industry, engineers do formal logic day in and day out, even though they may not and usually do not realize that. As a rule, they have not studied logic. Instead, they studied calculus which they use rarely, if ever.

We illustrate why logic is so relevant to computer science and to computer industry and why it is so hard for software engineers to pick it up.

At the end we discuss the uses of formal logic in mathematics and the prospects of logic in mathematics departments.

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