

Certificate

On behalf of the TU Dortmund University the
Department of Computer Science awards the academic degree

Bachelor of Science (B.Sc.)

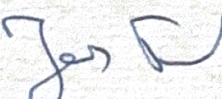
in Computer Science to

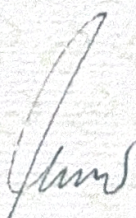
Ivan Pushkarev



fi fakultät für
informatik

Dortmund, 20 November 2025


The Dean


The Chair of the
Examination Board