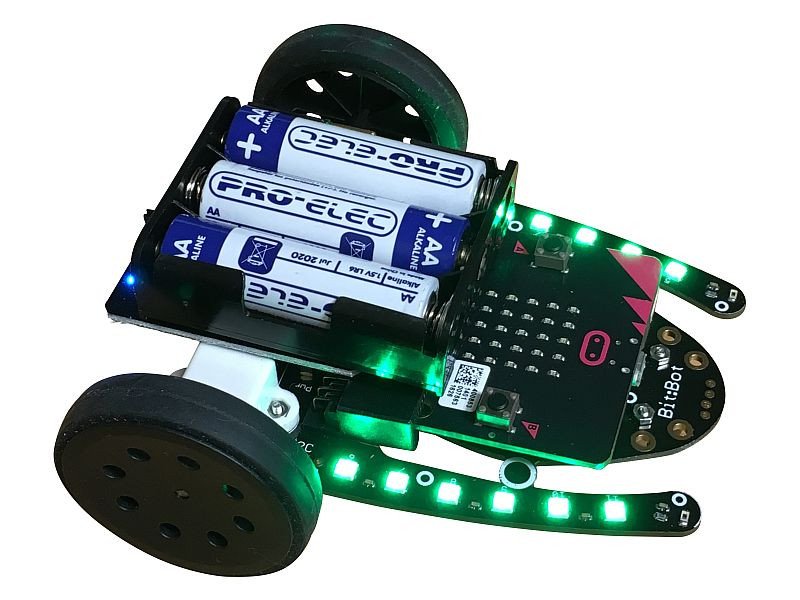
# Introduction to programming and robotics with “micro:bit”



According to the Association of Computing Machinery: "An increasing number of universities and employers see successful completion of a computer science course as a sign of academic well-roundedness."

This is project suited for students with no or little programming experience. At the beginning of the project students will be introduced to the MicroPython, a lean and efficient implementation of the [Python 3](http://www.python.org/) programming language that is optimised to run on microcontrollers. We will be using it to program “bit:bot” – a robotic car powered with micro:bit, an ARM-based embedded system board used in computer science education in UK.

“Bit:bot” robotic car

Students will be split in groups to solve problems set up for them based on their skills and interest. In final session, participants will present what was done in the duration of the project to each other in the internal showcase.