Robotics Crossword Puzzle

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|  |  | 2L |  |  |  |  |  |  | 3A |  |  |  |  |  |  |  O |  |  |  |
|  |  |  A |  |  |  |  |  |  |  L |  |  |  |  |  |  |  U |  |  |  |
|  |  |  R |  |  | 4C |  |  |  |  G |  |  |  | 5U |  |  |  C |  |  |  |
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|  | 7S |  O |  N |  A |  R |  | 8B |  |  T |  |  |  |  A |  |  |  N |  |  |  |
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|  |  |  O |  | 10M |  E |  D |  I |  U |  M |  M |  O |  T |  O |  R |  |  O |  |  |  |
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|  |  |  | 11P |  O |  R |  T |  S |  |  |  |  |  | 12S |  W |  I |  T |  C |  H |  |
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|  | 15C |  O |  M |  P |  U |  T |  E |  R |  P |  R |  O |  G |  R |  A |  M |  M |  E |  R |  |

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| **Across****6.** the study of robots**7.** the UltraSonic Sensor uses this type of technology when it sends a signal out to the object and it bounces back to the robot**10.** this motor is typically used as a secondary motor**11.** The specific areas for connecting sensors and motors to the EV3.**12.** In Mindstorm, the name of the block used if you want the robot to do something when one condition is met and then another thing when a different condition is met**14.** Robotics kits from Lego containing hardware and software to create EV3 robots**15.** a person who writes computer code | **Down****1.** this sensor can tell if the robot hits into something**2.** this motor is typically used to make the robot's wheels move**3.** A list of instructions to do something**4.** This sensor can detect something blue, red, green, white, black, etc.**5.** this sensor detects distance from an object**8.** the "brains" of the mindstorm robot**9.** A term for any command or group of commands in a program.**13.** In Mindstorm, the name of the block used to do something over and over |

   mindstorm       algorithm       color sensor       ultrasonic sensor       touchsensor       robotics       brick       large motor       medium motor       computer programmer       Loop       switch       sonar       code       ports