

Learning how to talk robot.

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What is the most important language in robotics?

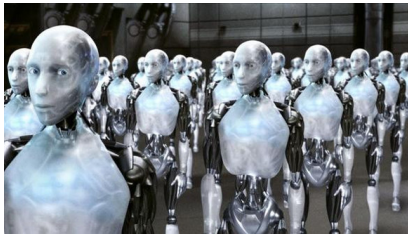
- C++?
- Java?
- Python?
- Lisp?
- Assembly?

What is the most important language in robotics?



English!

So what is the most important skills of a roboticist?



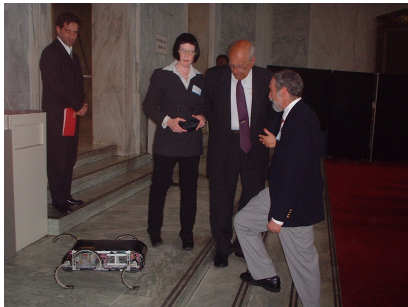
- Mechanical Engineering?
- Electrical Engineering?
- Computer Science?
- Management?
- Protecting humans from the robot forthcoming robot apocalypse?

So what is the most important skills of a roboticist?



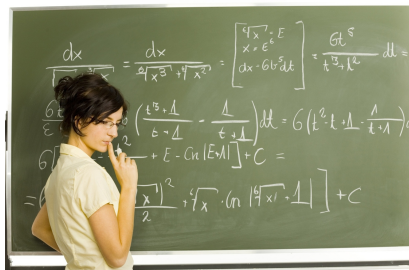
- Asking the right question in the correct way.
- Finding and reading about a solution.
- Not being afraid to give it a shot.

What I've learned.



- Words have **specific** meaning. Learn the meaning.
- With these words you can ask (google) better questions.
- These words encode scientific papers that you can read.
- You start to sound like a pro. People will respect your opinion.

What I've learned... about math



- **Learn to skim scientific papers.**
- Math is just another language. Learn the symbols to unlock the meaning.
- Remember, you don't have to do the math (proof, derivation, etc), you just need to translate it to code or English.

And another thing!



- **DO NOT PANIC**
- Break problems/solutions/papers down to the individual words, and work back up.
- Ask for help.
- **RTFM** READ THE FRAKING MANUAL. REALLY READ IT. TWICE IF YOU HAVE TO.

The End – GO HAVE FUN!