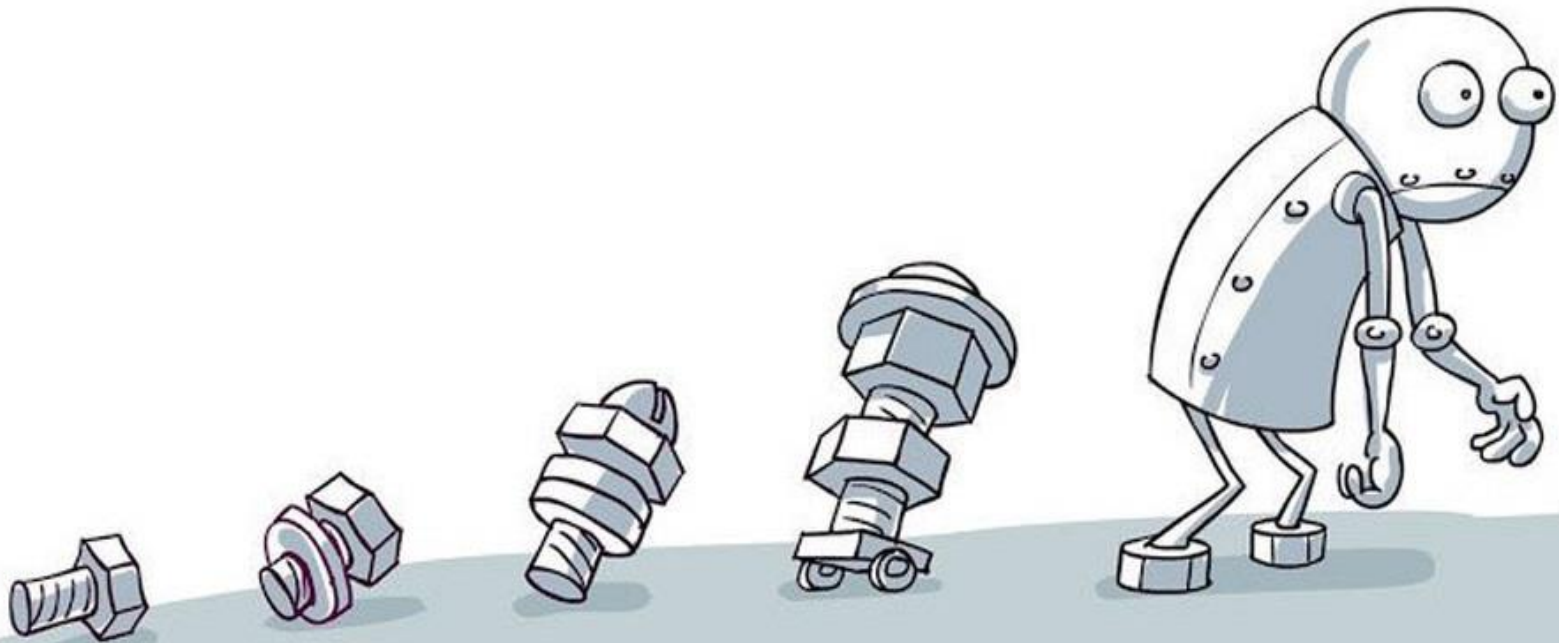


ROBOTS

PART FOUR: EVOLUTION



DAY ONE



Книжки и новости

Evolution

- Cats in shark costumes riding robots?! Exactly
- Discuss just how far robots have come and how far they've spread...from cleaning your carpet to hanging on walls, and that dress in your closet that's just down the hall...



Artists in the Shaking

Then it's time to get to making an artsy little robot that's all about the shaking.

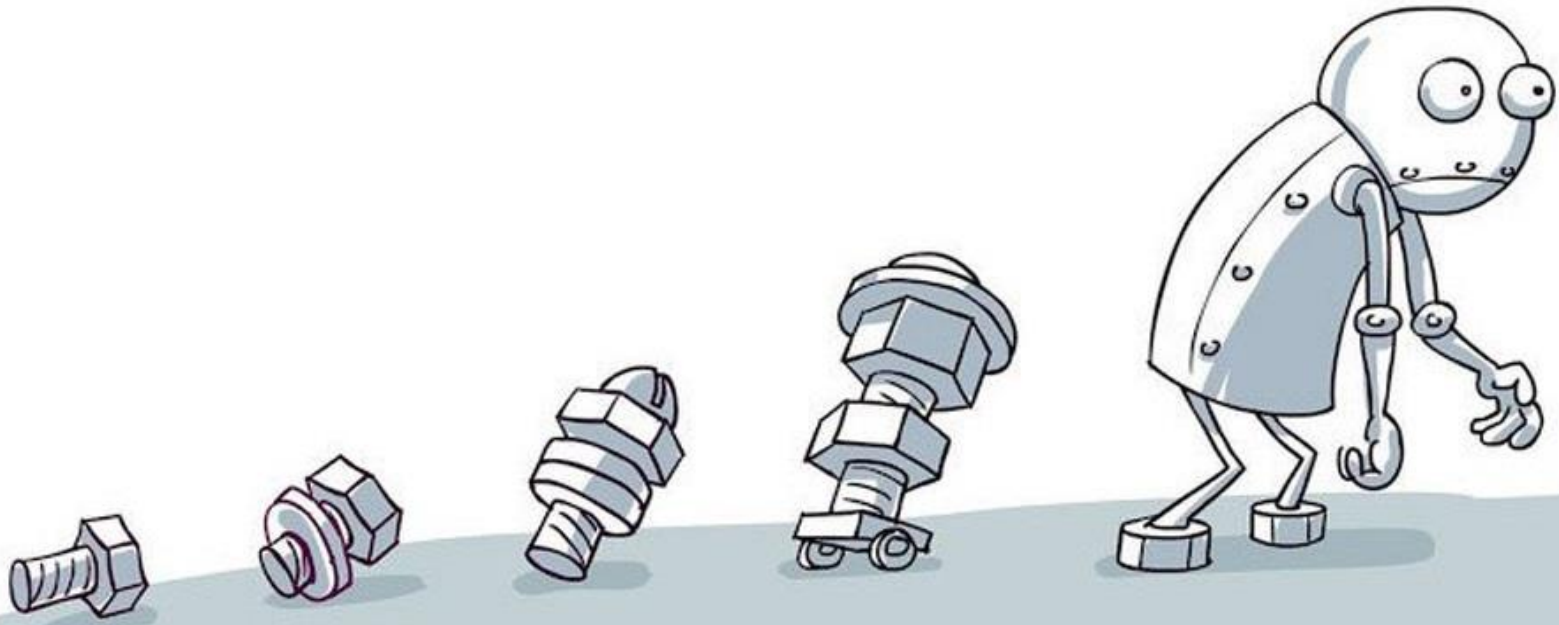


Skitter Skatter Art

And with remaining time a little art would be sublime! And if it's scatter brained...well, the artbot can't be blamed!



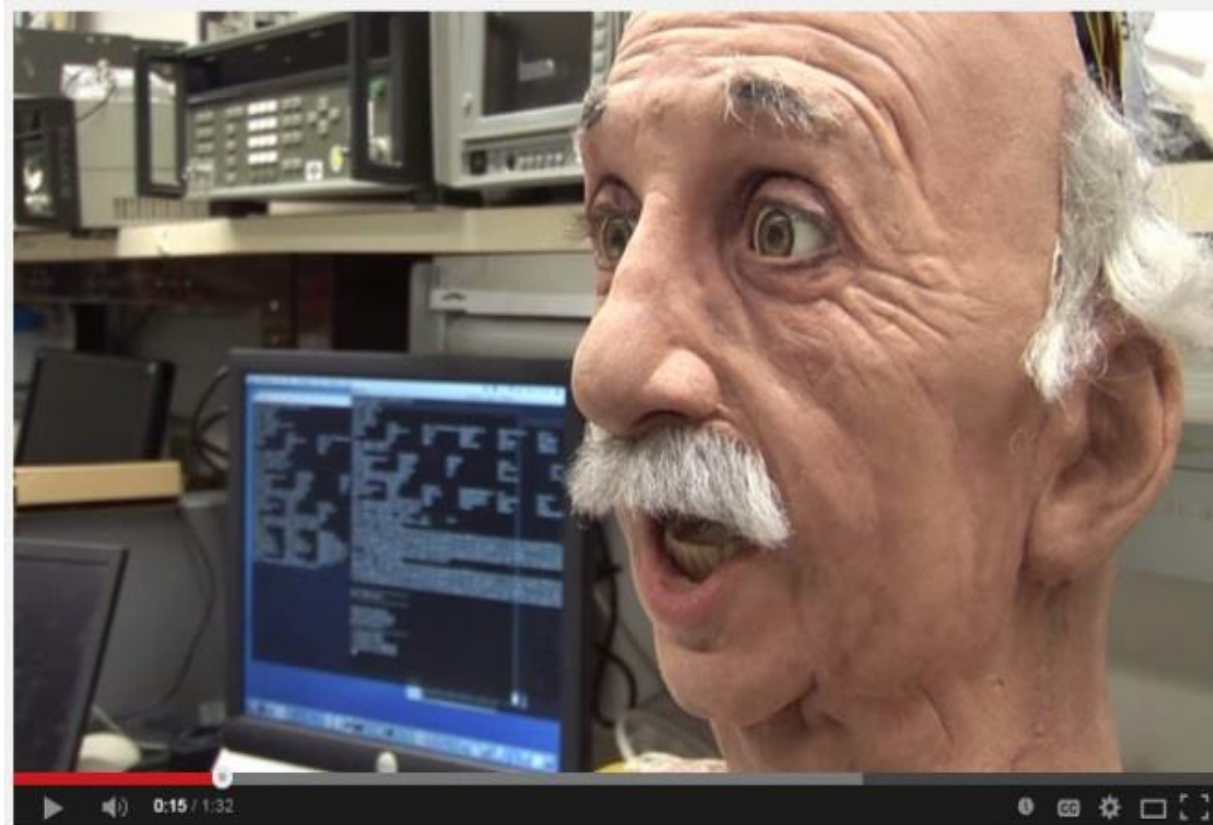
DAY TWO



Книжки и новости

Robot Skin

While robots have moved up, they've run into a valley, where they aren't quite real enough (you don't want to see that in an alley!) So it's time to figure out just what's up with robot skin and Albert Einstein is always a great place to begin.



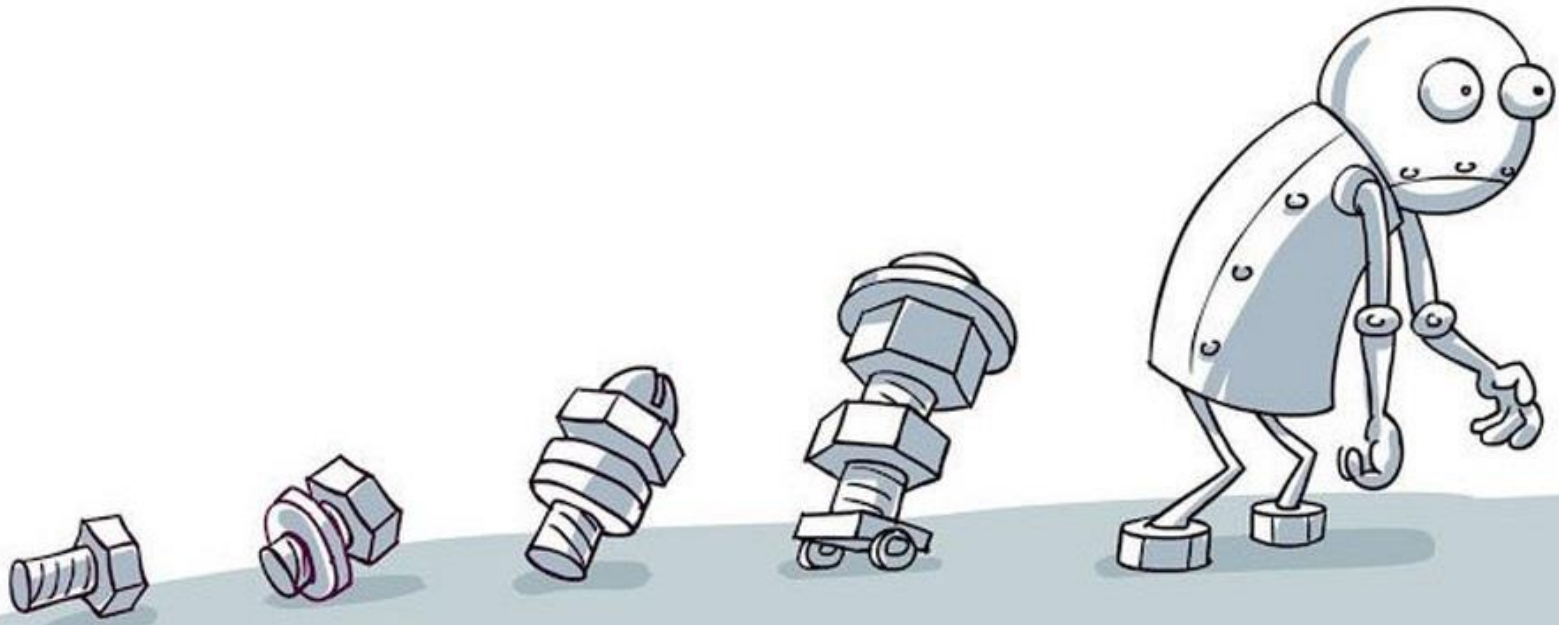
Einstein Robot - UCSD Machine Perception Laboratory

Rubbery Frubbery Robot Skin



- What's tough but soft, sensitive but strong?
- Able to withstand the hardest of knocks, but also able to sense the faintest of touches?
- Why, robot skin of course!
- And now it's time to make our own. Some silver skin that's all home grown.

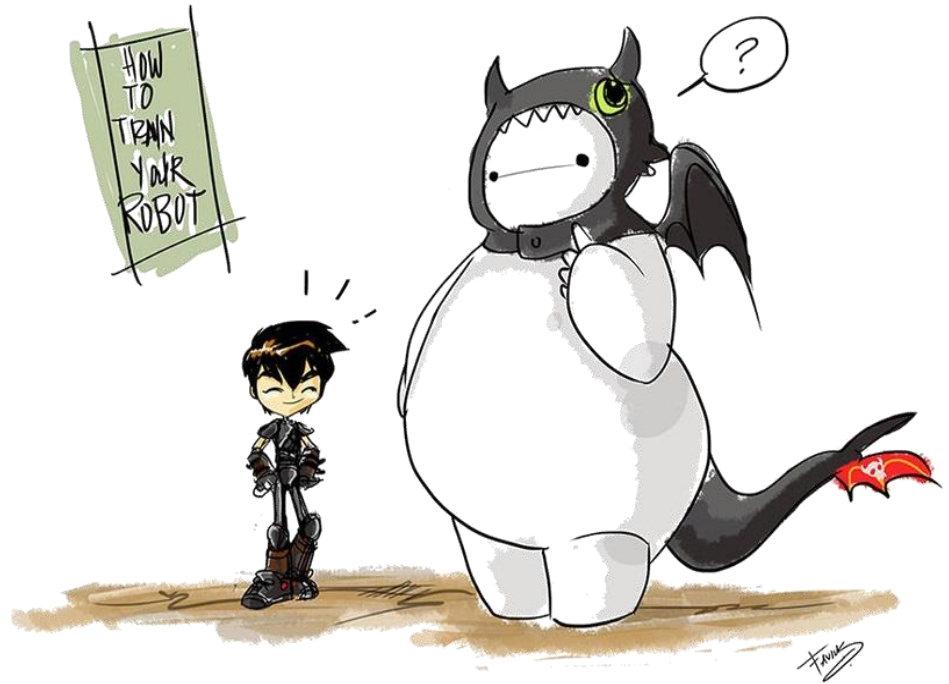
DAY THREE



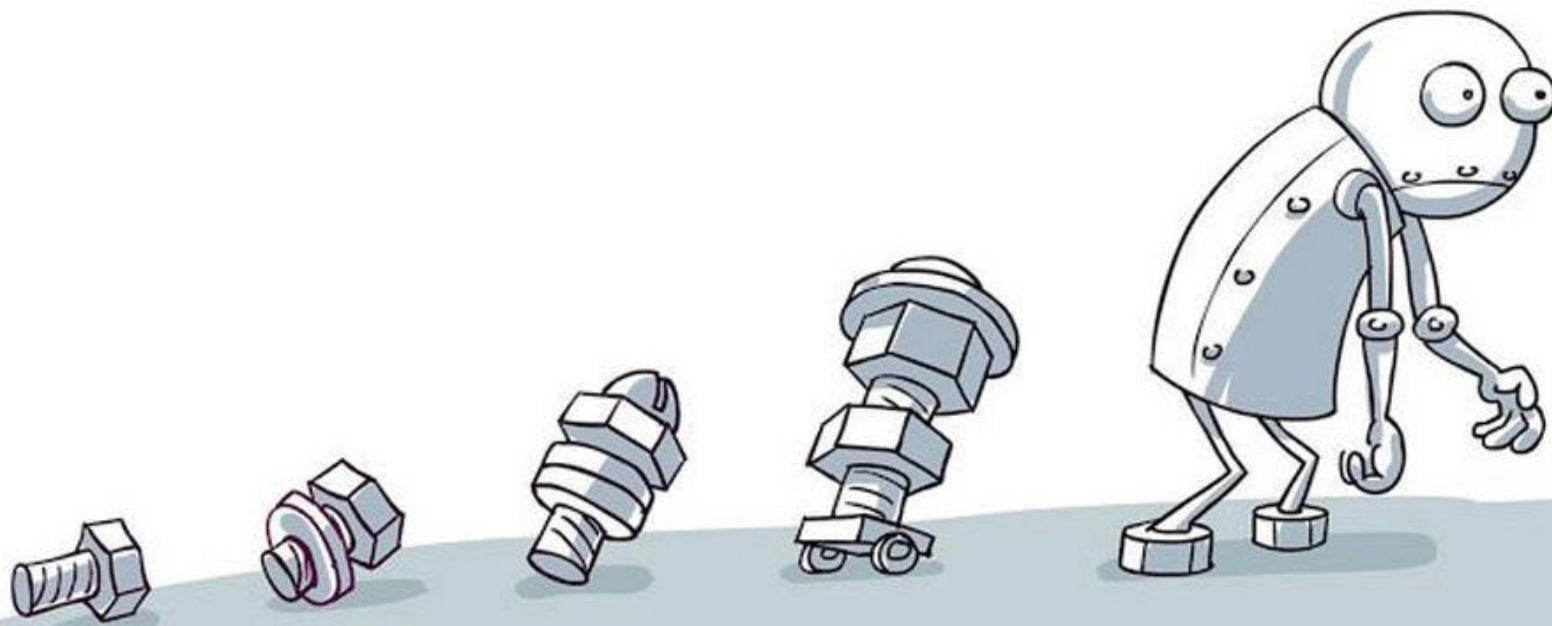
Книжки и новости

How to Train Your Robot

- It's time to learn to speak 'Robot,' a fun new lingo that says a lot. (It's nice to be a polyglot!)
- And find out what happens when your 'robot' obeys (literally) every single thing you say!



DAY FOUR



Книжки и новости

We Like to Move it Move It!

- Just like humans and other living things, robots need energy to move and “think.” So where does it come from?
- It’s time to shed some light on just what makes robots tick and see if we can figure out a place where that light will stick.
- Connect some circuits and throw the light...turn the dark into a starry night.



