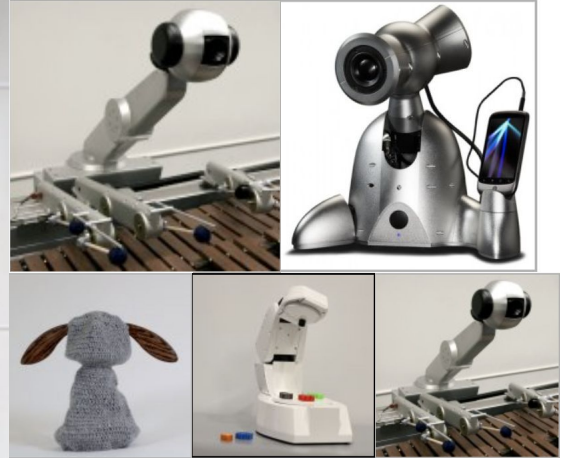


Guy Hoffman

- Research, Robots
- Societal thoughts on human-robot interaction



<http://guyhoffman.com/>

Who is he?

- Hoffman holds a Ph.D from MIT in the field of human-robot interaction (HRI), and a M.Sc. in Computer Science from Tel Aviv University. He also studied animation at Parsons School of Design in NYC.
- Assistant Professor and the Mills Family Faculty Fellow in the Sibley School of Mechanical and Aerospace Engineering at Cornell University
- Worked as a research fellow at the Georgia Institute of Technology and at MIT
- Hoffman heads the Human-Robot Collaboration and Companionship (HRC2) group

Research and Robots:

1. AUR ROBOTIC DESK LAMP

*“Designing a robot as **graceful** and **engaging** as possible”*



“By the end we were good friends and high fived mentally”

Vs

“It just felt like a lazy apprentice”



2. GOOSEBUMPS – TEXTURE-CHANGING ROBOTIC SKIN



“The prototype skin can animate a combination of goosebumps and spikes”

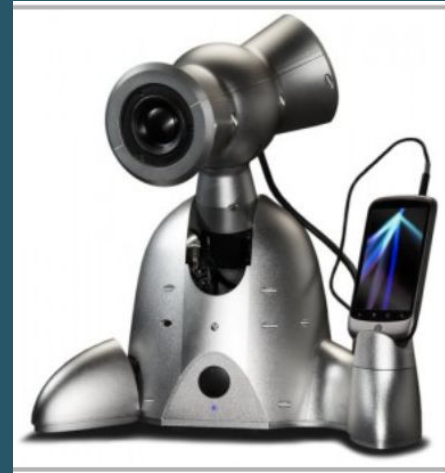
Musical Robots:

1. SHIMON ROBOTIC MUSICIAN DOCK



"The robot is used in research at the Georgia Institute of Technology, and in musical performances worldwide."

2. TRAVIS / SHIMI ROBOTIC SPEAKER



Combining sensor-rich, high-performance mobile devices with simple, low-cost robotic platforms could help accelerate the adoption of personal robotics in real-world environments.

*“Robots seem to have this special position in technology that resonates with basic human emotions such as **fear** and **hope**.”*

What benefits
can this
bring?

Will they ever
be smarter
than us or
take on a life
of their own?

Accountability
?

Robot
Integration in
Education?

Will robots
have free will?