COMP 341: HCI

Human Computer Interaction

ANKUR SHARMA

- Computer Engineer

- Own a startup

- Pioneered OLPC in Nepal

- FOSS enthusiast

- Worked in Media

- Researching in HCI

A QUESTION

Can mind control Computer?

WHAT YOU ARE THINKING

- No Way!

- Why Not, after all we are using our brain to do everything

- Well, maybe in future

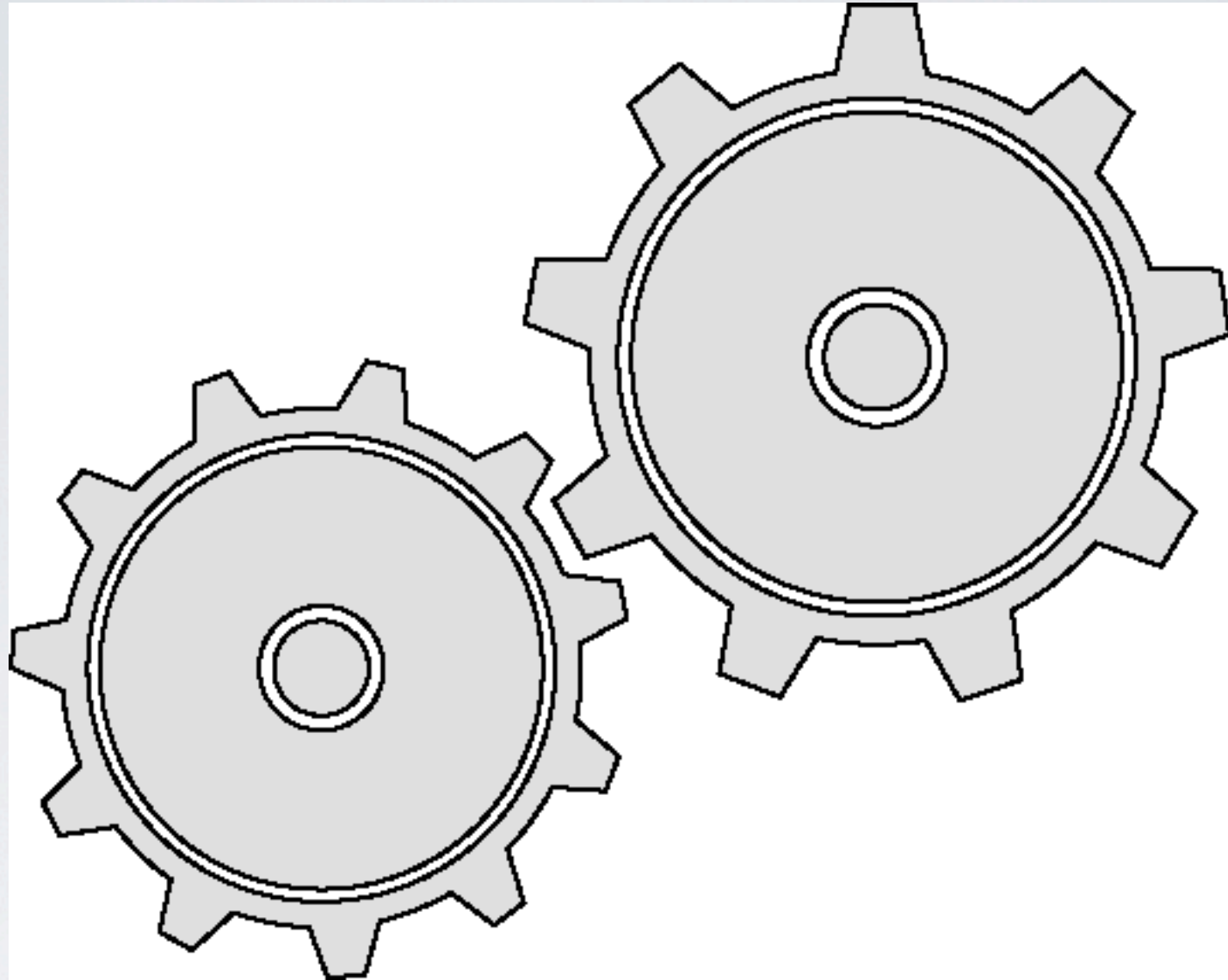- Wait, I know what you mean.

WHAT IS HCI

HUMAN-COMPUTER INTERACTION IS A DISCIPLINE CONCERNED WITH THE **DESIGN**, EVALUATION AND **IMPLEMENTATION** OF **INTERACTIVE** COMPUTING SYSTEMS FOR **HUMAN** USE AND WITH THE STUDY OF MAJOR PHENOMENA **SURROUNDING** THEM.

PSYCHOLOGY

A philosophical layer between Human and Machine

ENGINEERING

Designing for Human

HCI=PSYCHOLOGY+ENGINEERING

UI FUTURE

What will it be, and when?

WHAT ARE WE STUDYING?

CONTENT

- Theory/Principles

- Guidelines

- Framework/Tools

- Human Factor
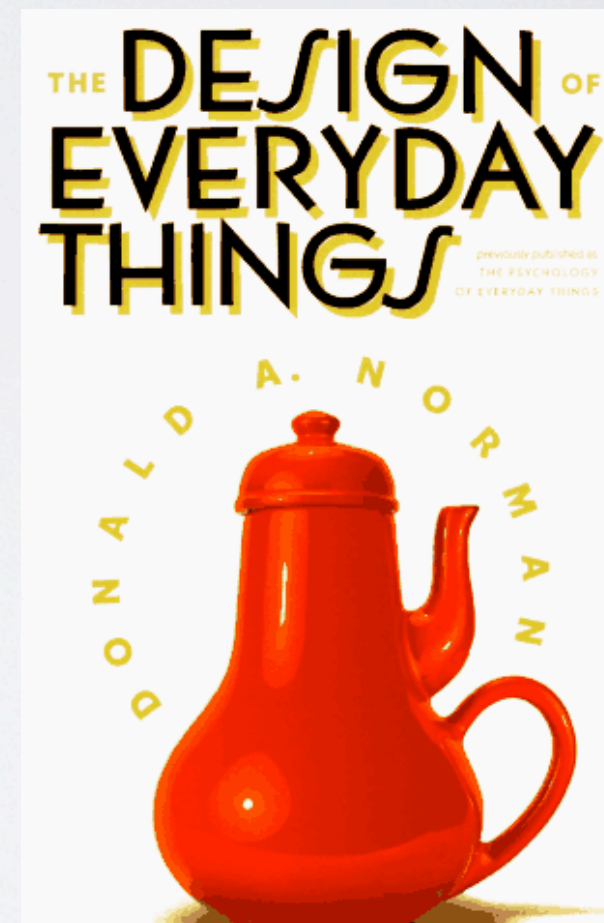
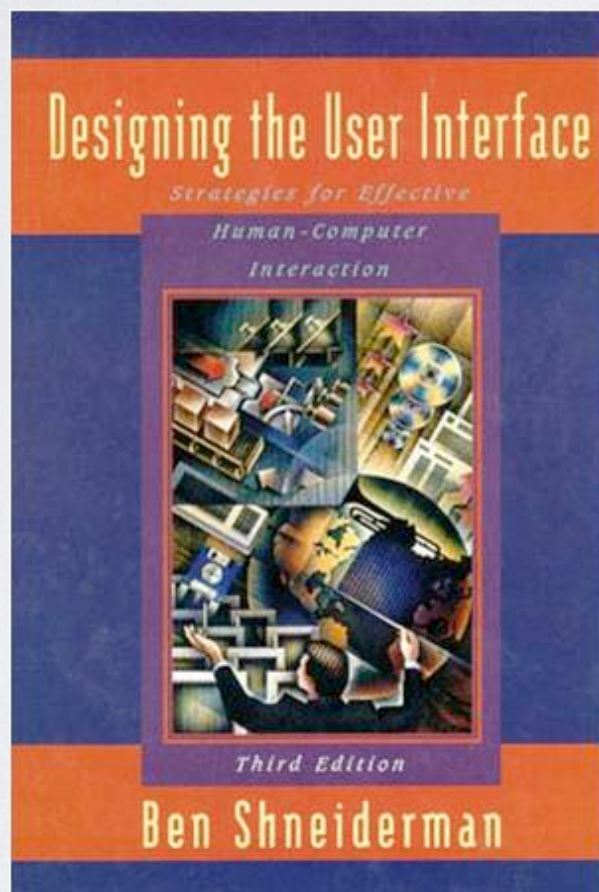- Interaction Design

- Social Impact

METHOD

- Lectures

- Interactive Media

- Quizzes

- Exams

- Practical Works

- Brainstorming Sessions

FUN

BOOKS

BEN SHNEIDERMAN

University of Maryland

NEXT WEEK ASSIGNMENT!

THE ANSWER IS YES!

Using emotiv to play FPS shooter

MANY THANKS

The Best Way to Predict Future is to Invent it
-Alan Kay