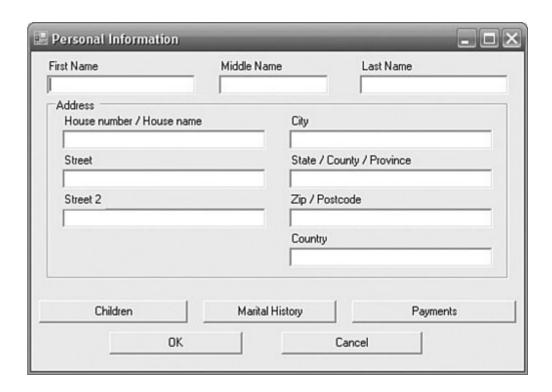
## **Informatics 134**

Project in User Interaction Software

Interfaces are more than just input and output.



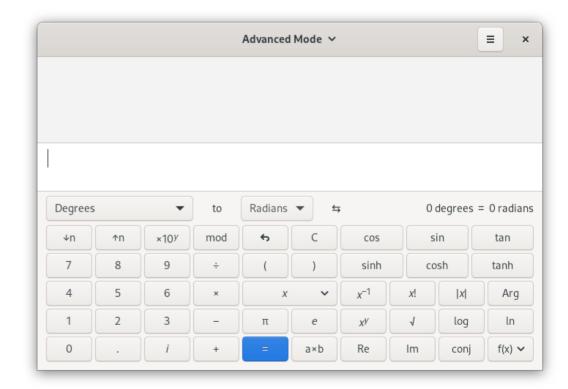
Interfaces unite human sensory systems with the computational world.

Interfaces augment how humans interact with the real world.

Interfaces influence human perception of the real world.



Interfaces connect us to computation, binding APIs to views that help us interpret the results



Interfaces connect us to information, teaching us what exists and how we can learn from it.



Interfaces help us communicate, teaching us how to navigate social contexts.



Interfaces mediate how humans interact with each other.

Socioculturally Sociopolitically

What do we mean by mediation?

What do we mean by mediation?

Something that...

Controls.

Interprets.

Filters.

Acts.

On our behalf...

What do we mean by mediation?

Something that...

Controls.

Interprets.

Filters.

Acts.

On our behalf...

Why is mediation an important consideration for user interface designers?

Why is mediation an important consideration for user interface designers?

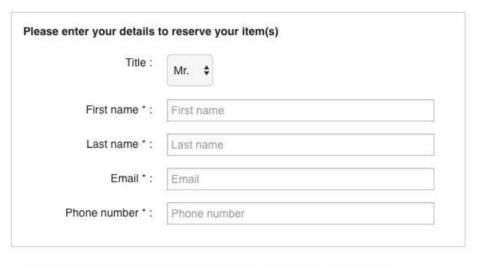
"How you design a user interface can change society"

- Amy Ko, University of Washington

#### **Dark Patterns**

### "Trick Questions"

Alternating meaning to subvert user expectation.



- Please do not send me details of products and offers from Currys.co.uk
- Please send me details of products and offers from third party organisations recommended by Currys.co.uk

Reserve items

https://www.darkpatterns.org/typesof-dark-pattern/trick-questions



## Twitter plans to change how image cropping works following concerns over racial bias

Twitter finds out machine learning isn't always the right answer

By Chaim Gartenberg | @cgartenberg | Oct 2, 2020, 10:46am EDT



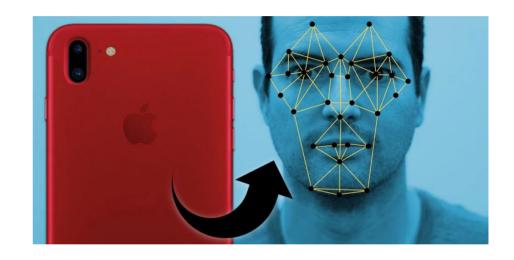


https://www.theverge.com/2020/10/2/21498619/twitter-image-cropping-update-racial-bias-machine-learning

**Apple Face ID** 

**Convenient?** 

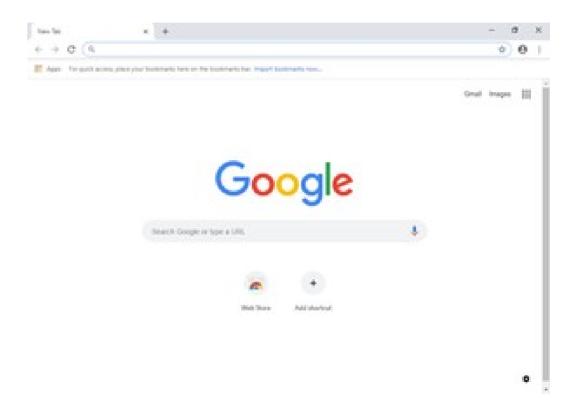
But, how might it change society long term?



From...



To...



When information discovery moves from public good to corporate profit...

What do we do?

Do we still trust?

# Maater: Crowdsourcing to Improve Online Journalism

iaw Ilon University Stephanie Butler
Carnegie Mellon University

Abstract

A system that acts as a tool to correct inaccuracies and

Liaw, R., Zilnik, A., Baldwin, M., & Butler, S. (2013). Maater: Crowdsourcing to improve online journalism. In CHI'13 Extended Abstracts on Human Factors in Computing Systems (pp. 2549-2554).

Consider what your interfaces is designed to do and how you want to mediate with the people who use your interface.

Consider what your interfaces is designed to do and how you want to mediate with the people who use your interface.

**Through computation?** 

**Through information?** 

Through communication?