

CMSC 828F

Intro to HCI (Grad)



Future interactive devices from IDEO

François Guimbretière

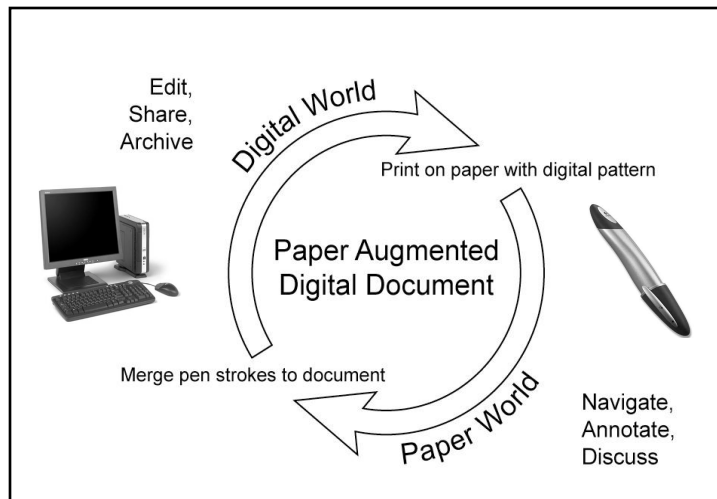
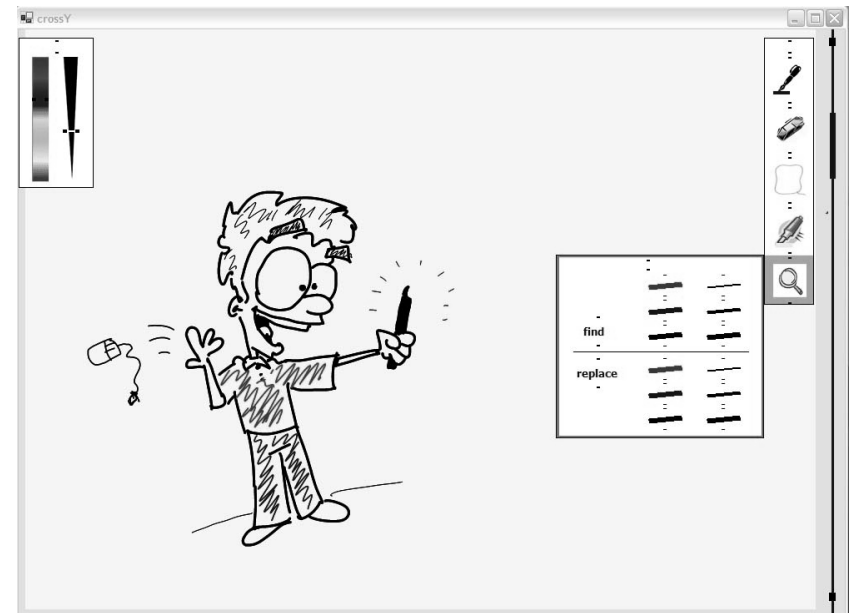
CSI 2120 Tue-Thu 2:00 - 3:15

CMSC 838G Administtrivia

- Instructor
 - François Guimbretière
 - *Human computer interaction*
 - Paper based computing
 - Pen based interactions
 - Information Visualization
 - *Office hours (Room 3267 AVW):*
 - Tue/Thu 10:00am – 11:00am
 - *or* by email any time: francois@cs.umd.edu
 - *or* by appointment

Project I have been working on

- PostBrainstorm
 - UIST'01 video
- Crossing based interface
 - UIST'04 video
- Proof-reading tool
 - UIST'04 video (demo)



Student info

- Name, e-mail
- Are you taking the class for credit?
 - Comps?
- Why are you taking the class?
 - Goals
 - Topics you would like to be covered in the class
- Background?
- Additional comments

What you will learn

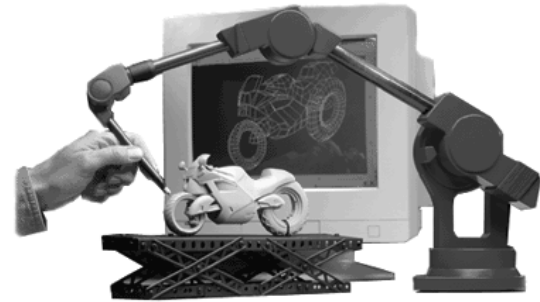
- Experimental design
 - User study fundamentals
 - Basic experimental designs
 - Non-traditional experimental designs
 - Interpretation of experimental results
- Theory
 - Perception
 - Human performances
 - Information Processing Model
 - Activity theory
 - Working in group

Work load

- Reading
 - Textbooks and papers
 - ~ 2-4 papers per class
 - Readings are considered understood if no questions are asked
- In class presentation and discussion
 - Heavy participation is expected
 - Project presentations
- Homework
 - Small experimental replications
- Project
 - 1 project, 3 checkpoints
 - Project proposal due Sep 16

Resources available

- 3D printing
 - MicroScribe measurement arm
 - ZPrinter 310
- Eye tracking
 - Available later this semester



How you will be evaluated

- 10% Participation
 - 15% Homeworks
 - 15% Presentations
 - 40% Final project
 - 20% Final
-
- Check the syllabus about academic Honesty

Texts

- Required texts
 - HCI Models, Theories, and Frameworks (J. Carroll)
 - Doing Psychology Experiments, (D. Martin)
- Recommended text
 - Explaining Psychological Statistics (B. Cohen)
- Course web sites:
 - <http://www.cs.umd.edu/class/cmsc828f>

Reading for Next class

- Check the web page