

CMSC 838G

Intro to HCI (Grad)



Future interactive devices from IDEO

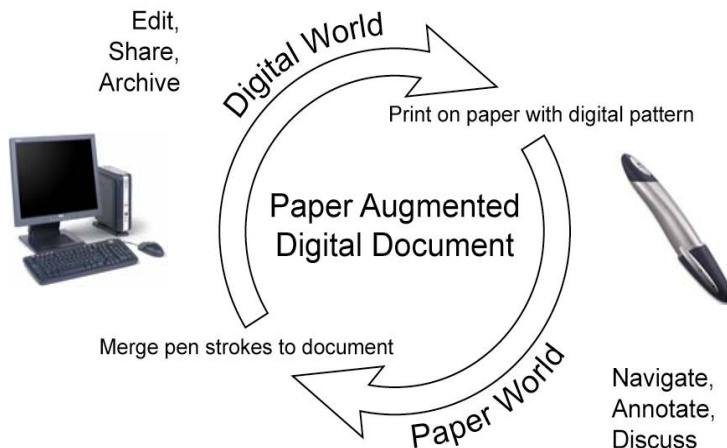
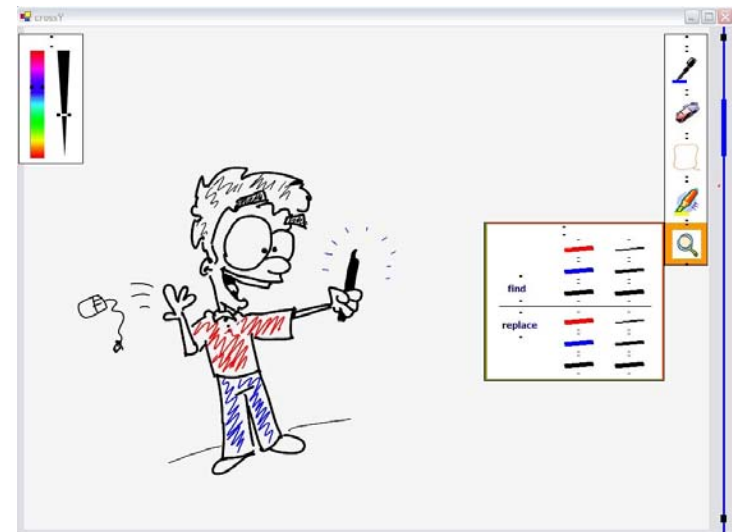
François Guimbretière

CSIC 2118 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

- PostBrainstorm
 - UIST'01 video
- Crossing based interface
 - UIST'04 video
- Proof-reading tool
 - UIST'04 video (demo)
- PapierCraft
 - UIST'05 video



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
- Overview
 - Cognitive Architectures
 - Input devices
 - Information visualization

Work load

- Reading
 - Textbooks and papers
 - ~ 2-3 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 8

Resources available

- 3D printing
 - MicroScribe measurement arm
 - ZPrinter 310
- Eye tracking



How you will be evaluated

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

Texts

- Text used during the class
 - The Human-Computer Interaction Handbook (J. Jacko and A. Sears Editors)
 - Doing Psychology Experiments, (D. Martin)
 - Explaining Psychological Statistics (B. Cohen)
 - Philosophy of Science: A Very Short Introduction (S. Okasha)
- Course web sites:
 - <http://www.cs.umd.edu/class/fall05/cmsc838g/>

Reading for Next class

- Check the web page