

Hacking Ethics in Education

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Hacking Ethics in Education

- Hacking in Education
- “Hacking Ethics” in Education
- Hacking “Ethics in Education”

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Students

Teachers

Administration

Hacking in Education

- System and Network Engineering Master
 - University of Amsterdam
 - One year Master programme
 - Since 2003
- Various Security related courses
- Student Research Projects

Examples



“Hacking Ethics” in Education

What students
think they do:



“Hacking Ethics” in Education

What teachers
think they do:



“Hacking Ethics” in Education

What administration
thinks they do:





“Hacking Ethics” in Education: Administration



**NOW
PANIC
AND
FREAK
OUT**

Hacking “Ethics in Education”

Hacking “Ethics in Education”

Administration

Hacking “Ethics in Education”

Administration

- Ethical Committee for Computer Science faculty
- All non-standard projects
- Evaluation by ~8 group leaders
- Lawyer

Hacking “Ethics in Education”

Administration

- Ethical Committee for Computer Science faculty
 - All non-standard projects
 - Evaluation by ~8 group leaders
 - Lawyer
- Process length: ~ months

Hacking “Ethics in Education”

Teachers

- Ethical Committee for SNE Master
- Student writes ethical considerations
- Teacher with EC reviews
- Traffic light status:
 - green, yellow, orange, red

Hacking “Ethics in Education”

Students

- Students are forced to think about ethics
- Ethics by design in research
- Ethics Advisor works with students
- Coordinated disclosure is done by teachers

Questions?

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- Extra slides

Example



Tinder

- July 2013: sends GPS coords to user ([link](#))
- Feb 2014: sends distance to user ([link](#))
- May 2014: sends pseudo-rounded distance ([link](#))

Privacy by design

- Finding test-user is hard: too many users
- So, only store hashed ID of users and location