The Emerging Scholars

Program

COMS 1404

www.cs.columbia.edu/esp

Weekly Workshops

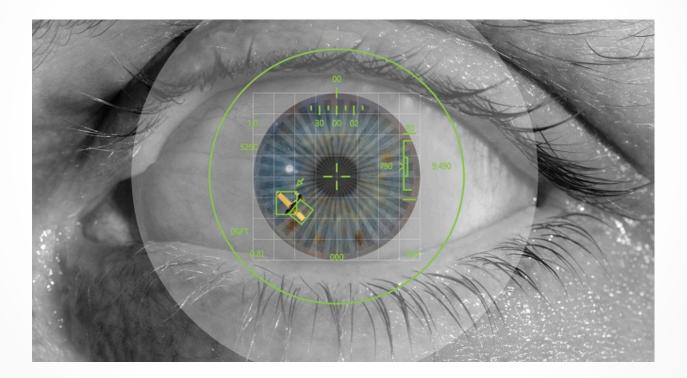
- Intended for students new to CS
- Small groups (8-10 students)
- Led by an undergraduate peer leader
- Introduction to exciting CS topics
- Discussion and group problem solving
- No homework; No programming
- Meets for 75 minutes on Fridays

About ESP

- An introductions to the kinds of topics you will see in upper level CS classes
- Learn about current problems in CS as well as general CS problem solving techniques
- A good way to figure out what areas of CS you are interested in
- It is **not** extra help for 1004

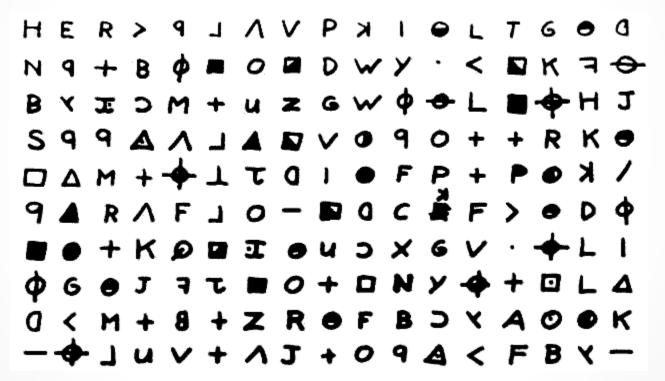


• Biometrics



How can computers do eye scans?

Computational Linguistics



How can we use computers to decode ciphers and new languages?



Social Networks



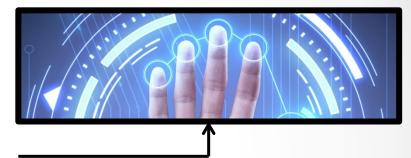
Wait, we can actually *study* Facebook?

- Biometrics
- Computational Linguistics
- Encryption
- Human Computer Interaction
- Limits of Computing
- Social Networks
- Spoken Language Processing
- User Interface Design

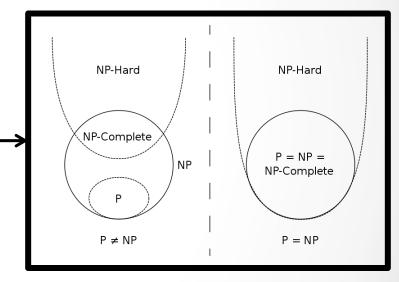




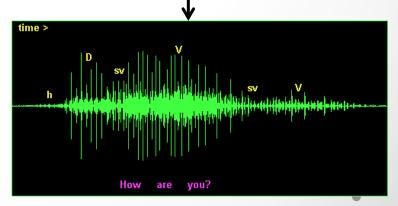
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Logistics

- First session is this Friday
- Times
 - o 10:45am-12:00pm
 - o 2:00pm-3:15pm
 - o 3:15pm-4:30pm
- 1 point Pass/Fail credit
- Attendance is required



- Application available at <u>www.cs.columbia.edu/esp</u> or in an email you will get after class
- Intended for first or second year students
- No previous computer science background is assumed
- Due by Tuesday Sep. 10th (tomorrow!) at 10pm
- The application is short
- Typically there are more applications than slots