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
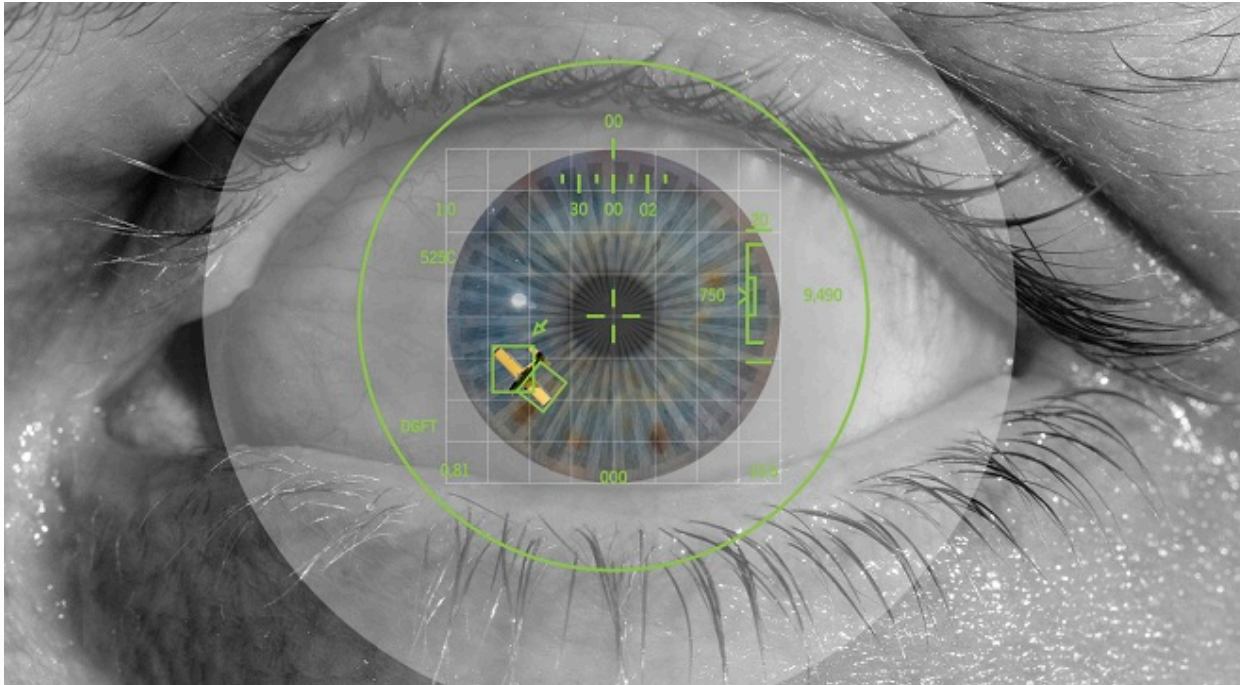- Meets for 75 minutes on Fridays

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
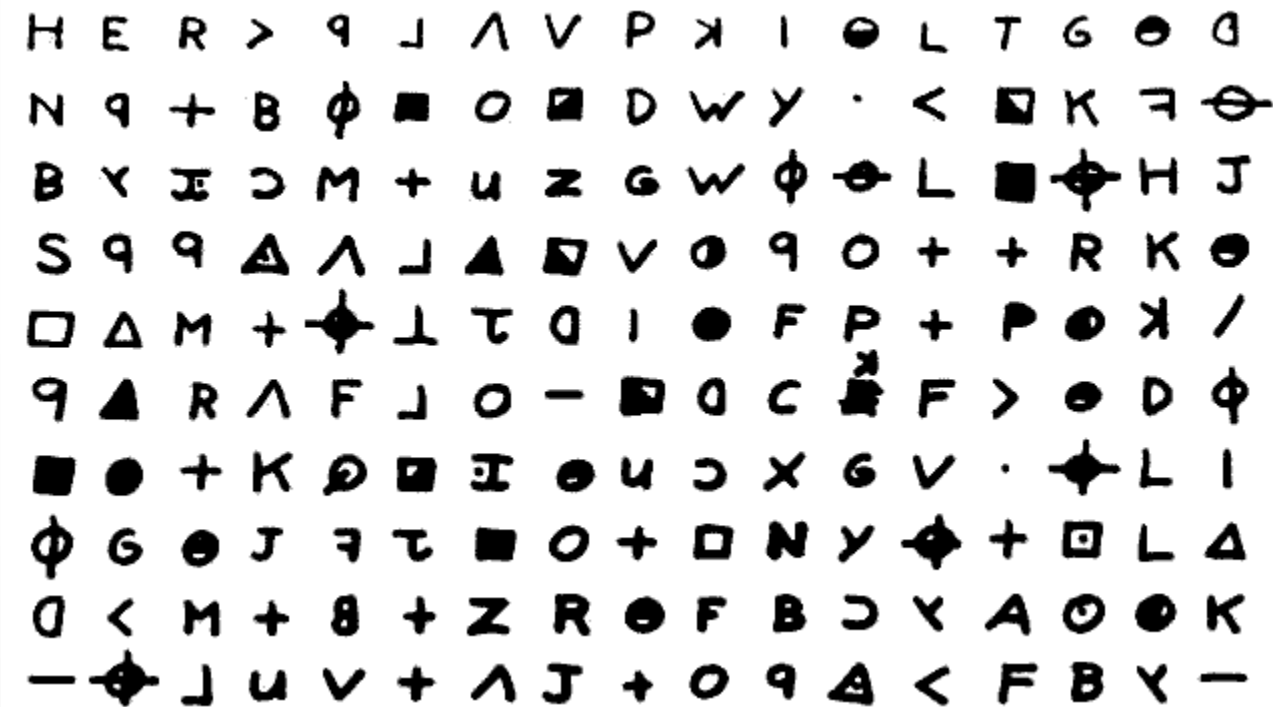
- It is **not** extra help for 1004

Topics

- Biometrics

How can computers do eye scans?

Topics

- Computational Linguistics

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

Topics

- Social Networks

Wait, we can actually *study* Facebook?

Topics

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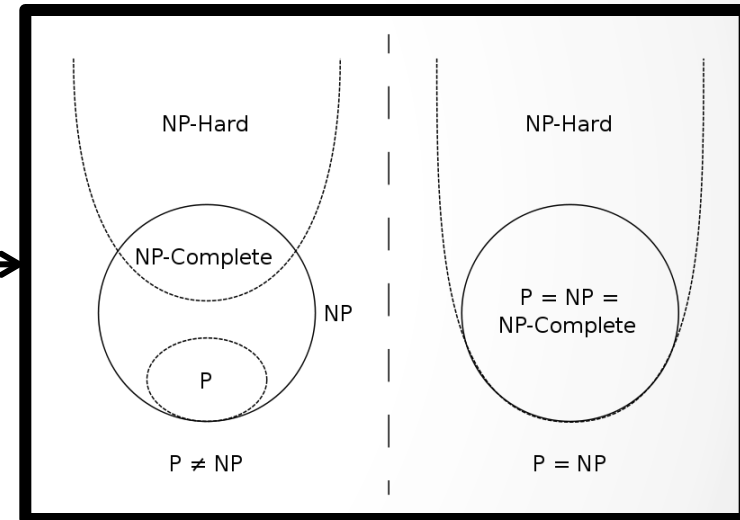- Spoken Language Processing
- User Interface Design

Topics

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- Computational Linguistics
- Encryption
- **Human Computer Interaction**
- Limits of Computing
- Social Networks
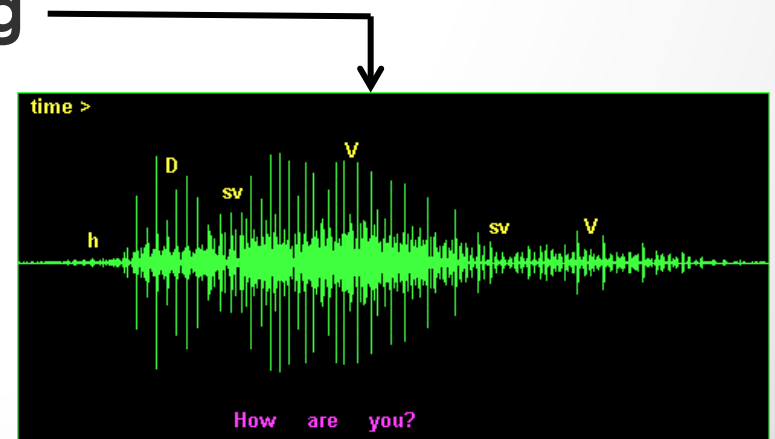- Spoken Language Processing
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Topics

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

Topics

- Biometrics
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- Limits of Computing
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- **Spoken Language Processing**
- User Interface Design

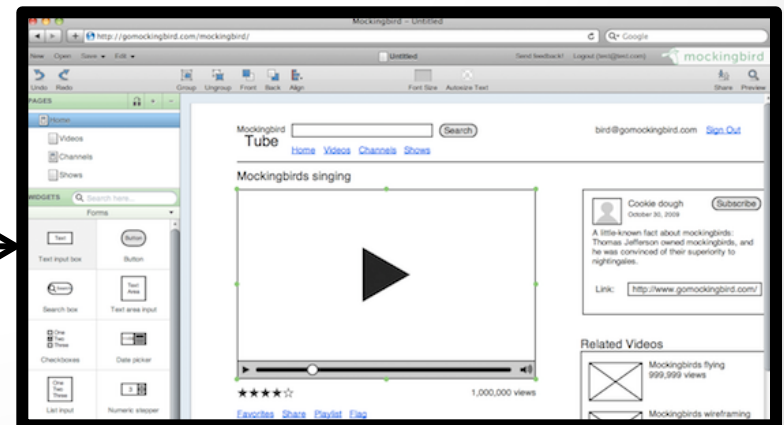# Topics

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

Logistics

- First session is this Friday

- Times
  - 10:45am-12:00pm
  - 2:00pm-3:15pm
  - 3:15pm-4:30pm

- 1 point Pass/Fail credit

- Attendance is required

Apply

- Application available at www.cs.columbia.edu/esp 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