What's the Problem?

• Ever see someone and wonder who they are?
  – Mobile devices are rich in sensors that can be used for identification
  – Social networking sites like Facebook and MySpace have pictures and profiles
  – Facial recognition in and of itself is not accurate enough
What is the Big Picture?

• You see someone and you want to know more, so you...
  – Capture their picture through your mobile device
  – Your current location is also known
  – Your social networking site profile is accessible

• You are shown a series of profiles that best match the picture
What is done and left to do?

- CYTE Android project started and Facial Detection code in place
  - Open Source JJIL Library
  - android.media.FaceDetector
- Google App Engine account in place
- Read various literature
  - Facebook Graph API
- Facial Recognition using Fisherfaces
- Facebook profile scraper
References

- Face Recognition in Mobile Phones: Guillaume Dave, Xing Chao, and Kishore Sridhabhatla, Department of Electrical Engineering, Stanford University, Stanford, USA
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Q & A

• Questions?
• Comments?
• Feedback?