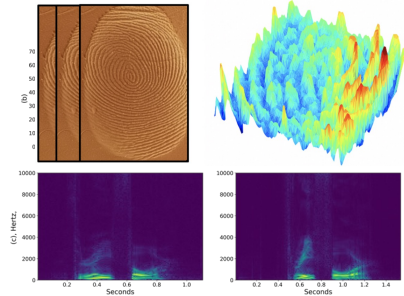
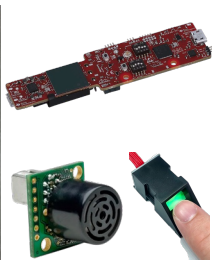


- **Tired of Remembering Password?**
- **How Can Computer Verify You w/o Password?**
- **How Secure Is It Using Face/Finger to (un)Lock Phones?**

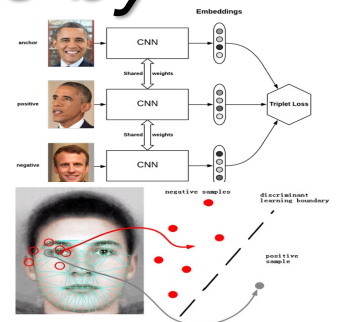
Find answers in this course by



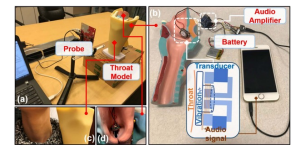
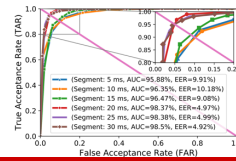
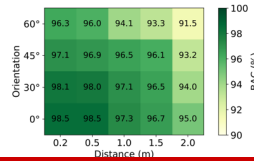
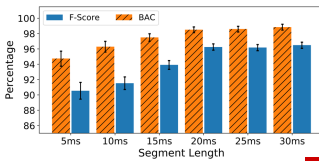
Human Sensor



Signal Processing

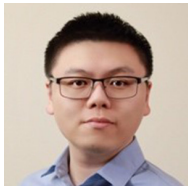


Machine Learning



Quantitative Evaluation and Case Study

Companies investing biometrics



Dr. Chenhan Xu
Assistant Professor
Dept. of Com. Sci.

This course introduces how people use their biological features, such as fingerprints, irises, retina, face or voice for personal identification or verification. The course will cover both the theory and practice of biometric authentication systems, including human physiological and behavioral characteristics (what & why), and the hardware, algorithm, and system architecture used to extract, represent, and match these characteristics (how). Students will also learn about the ethical and legal considerations surrounding the use of biometrics in security systems.