

CURRICULUM VITAE

Jung-Eun Lee

leejun11@cse.msu.edu

3115 Engineering Building
Computer Science and Engineering
Michigan State University
East Lansing, MI 48824, U.S.A

EDUCATION

Michigan State University

- **PhD** in Computer Science and Engineering, August 2007 ~ Present
Advisor: Anil K. Jain
Focus: Image Database, Content-based Image Retrieval, Machine Learning
- **MS** in Computer Science and Engineering, May 2006
Advisor: Pang-Ning Tan
Focus: Privacy Preserving Data Mining
- **BS** in Computer Science and Engineering, May 2003
Cognate: Mathematics

COURSE WORK

- Machine Learning
- Pattern Recognition
- Computer Vision
- Data Mining
- Database Systems
- Graph Theory
- Artificial Intelligence
- Natural Language Processing
- Software Engineering
- Programming Languages
- Probability and Statistics
- Modern Statistical Methods

EXPERIENCE

Michigan State University

- Graduate Research Assistant, March 2007 ~ Present
Content-Based Image Retrieval: Applications to Scars, marks and Tattoos
Distance Metric Learning for Information Retrieval
- Teaching Assistant, 2002 ~ 2004
Managed laboratory sections for CSE131, CSE231
- Computer Laboratory Assistant, 2001
Managed laboratory systems

Standard Chartered Korea First Bank Limited, Seoul, Korea

- Software Developer & System Manager, 1993-1998
Developed and managed Home-Banking System and Database

PUBLICATIONS

- A. K. Jain, **J.-E. Lee**, R. Jin, and N. Gregg "*Content Based Image Retrieval: An Application to Tattoo Images*", Proc. ICIP, Cairo, Egypt, Nov. 2009.
- A. K. Jain, **J.-E. Lee**, and R. Jin "*Graffiti-ID: Matching and Retrieval of Graffiti Images*", Proc. ACM MM, MiFor'09, Beijing, China, Oct. 2009.

- F. Li, W. Tong, R. Jin, A. K. Jain and **J.-E. Lee**, "*An Efficient Key Point Quantization Algorithm for Large Scale Image Retrieval*", ACM MM, LS-MMRM, Beijing, China, Oct. 2009.
- **J.-E. Lee**, A. K. Jain, and R. Jin, "*Scars, Marks and Tattoos (SMT): Soft Biometric for Suspect and Victim Identification*", Proc. Biometric Symposium, BSYM, Florida, USA, Sep. 2008, **Best Paper Award**.
- **J.-E. Lee**, R. Jin and A. K. Jain, "*Rank-based Distance Metric Learning: An Application to Image Retrieval*", CVPR, Alaska, USA, June 2008.
- **A. K. Jain**, J.-E. Lee and R. Jin, "*Tattoo-ID: Automatic Tattoo Image Retrieval for Suspect & Victim Identification*", Proc. of PCM, Hong Kong, Dec. 2007, **Best Paper Award**.

SYSTEM SKILLS

- C/C++, Visual C++, Visual Basic, MATLAB
- Sun Certified JAVA Programmer