

Advanced Network Database Laboratory

We Want YOU!!

Recruit 2012

NetDB Lab
CSIE@NCKU



Faculty

- Kun-Ta Chuang 莊坤達
- Received the Ph.D. degree in Electrical Engineering, National Taiwan University, 2006
- Working Experience
 - Assistant Prof.
 - National Cheng Kung Univ., 2011-Now
 - Senior Engineer
 - Synopsys Inc, 2006-2011
 - Engineer
 - UniPattern Inc, 2002-2004
 - Software Intern
 - Philips Research East Asia, Taipei, 2001



實驗室發展方向

- We are focusing on
 - Database Systems (資料庫系統)
 - Data Mining (資料探勘技術)
 - Multimedia Data Mining (多媒體資料分析)
 - Finance Data Analysis (金融資料分析)
 - Social Network Data Analysis (社群網站資料分析)
 - HealthCare Data Mining (醫療資訊探勘)
 - Location-Aware and Trajectory Data Mining (軌跡資料庫分析)
 - Mobile Data Management (無線資料管理)
 - Data Management on Mobile P2P/Mobile Sensor Network
 - Web Intelligence (網路智慧運算)
 - Information Analysis on the Large-scale Web
 - Mash-up Technology

Industry/Organization of Database and Internet Data Management



We are focusing on
Android (Client) + Cloud Database (Server)
Location-based Content Search
Online Microblog Data Aggregation
Web Personalization Service
Personalization in Mobile Computing

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**TECHNOLOGIES OF DATA MANAGEMENT
ARE THE PROMISING KNOWLEDGE IN
THE SOFTWARE INDUSTRY!**

Our Students

- Will study with the industrial working style
 - Work/Write code in the Client (Terminal in PC/laptop) – Server (Red-Rat Enterprise + VMs) environment
 - Linux + IDE (Eclipse) + Open-Source Development toolkit + Industry-Level Coding Requirement
- Will team-up to pursue the mountaintop of the world
 - APP contest, e.g., 中華電信電信創新應用比賽
 - KDD Cup
- Will have the opportunity to be summer interns in top-tier software companies
 - Yahoo!, Google, TrendMicro

Our Students

- Will have research grant per month
- Will have full travel grant for the presentation of international conference papers
- Will have the award for journal publish

Our Current Projects

- Cloud-Based Data Mining Capabilities (Cloud Center, NCKU)
 - Devise new Data Mining technologies in the new cloud-based environment, e.g., hadoop, Google APP Engine
- Cloud-Based Queries Engine for Spatial Database (Cloud Center, NCKU)
 - Devise spatial index and query algorithms in the cloud environment
 - Android-based frontend
- Lightweight Queries on the ROAD networks (NSC)

We Read Papers from

- **Distinguished Conferences**

- ACM SIGKDD
- ACM SIGMOD
- VLDB
- IEEE ICDE
- EDBT
- WWW
- ACM SIGIR
- IEEE ICDM
- SIAM DM
- CIKM

- **Top-Tier Journals**

- ACM Trans. Database Systems (TODS)
- VLDB Journal (VLDBJ)
- IEEE Trans. on Know. and Data Engineering (TKDE)
- ACM Trans. on Know. Discovery from Data (TKDD)
- ACM Trans. on Intelligent Systems and Technology (TIST)
- IEEE Trans. on Pattern Analysis and Machine Intelligence (PAMI)

You use



EVERYDAY!

Why not to study their technologies?

- You are the one we want!
- Send me an Email
 - ktchuang@mail.ncku.edu.tw