

Thawan Kooburat

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EDUCATION

Department of Computer Science, UW - Madison, Madison, WI, USA

Fall 2009 – Fall 2011

- Master of Science in Computer Sciences
- GPA: 3.83/4.0
- Advisor: Prof. Michael M. Swift, Prof. Thomas Ristenpart
- Research Interests: Virtualization, Cloud Computing and Distributed Systems
- Research Experience:
 - *On-demand Virtualization (Paper)*
 - Uses hibernate to convert a live running operating system into a virtual machine with minimal service disruption.
- Relevant Coursework: Adv. OS, Distributed Systems, Adv. DB, Adv. Computer Architecture.

Faculty of Engineering, Chulalongkorn University (CU), Bangkok, Thailand

2006 – 2008

- Master of Engineering in Computer Engineering
- GPA: 4.0/4.0
- Thesis: A Grid Hosting System for Multiple Virtual Organizations (Thesis result: Very Good)
 - Extends a Grid portal to support the dynamic creation of Virtual Organizations

Faculty of Engineering, Chulalongkorn University (CU), Bangkok, Thailand

2002 – 2006

- Bachelor of Engineering in Computer Engineering
- GPA: 3.53/4.0 – Second Class Honors

WORK EXPERIENCES

Facebook, CA, USA

Jan 2012 – Present

Software Engineer

- Works configuration distribution system based on Zookeeper.

Facebook, CA, USA

May 2011 – Aug 2011

Software Engineering Intern

- Worked on in-house cluster management software.

The Condor Project, UW-Madison, WI, USA

2009 – 2011

Research Assistant

- Developed and maintains RPM/Debian packages for Condor
- System administrator and developer of NEOS optimization server (www.neos-server.org)

Accenture, Bangkok, Thailand

2008 – 2009

Consulting Analyst – System Integration & Technology

- Works as a member of Technical Architecture team in Siebel CRM implementation project which support customer services for one of the largest mobile phone operator in Thailand.
 - Design, implement and support the system infrastructure.
 - Receive a top-performer recognition award for the outstanding contribution.
 - Receive “Significantly Above Peer Group” Accenture’s performance rating.

Department of Computer Engineering, Faculty of Engineering, CU, Bangkok, Thailand

2006 – 2008

System Administrator

- Manages department’s computer facilities such as servers, clusters and network equipment

Technical Contact

- Administers Thai National Grid (ThaiGrid)’s resources at the department’s site
- Organizes and serves as an instructor in many ThaiGrid-funded workshops
- Co-authors Grid computing course materials for university-level teaching

TECHNOLOGY EXPERIENCE

Certificates: Sun Certified Programmer for JAVA 2 Platform 1.4

Development Skills: Apache Zookeeper, Linux Kernel (File system, Device Drivers, KVM), Web Applications (Java/.NET), Scripting Languages (Python, Perl, Bash)

System Administration: Siebel CRM, Oracle RAC, Linux/Windows/AIX Servers, Veritas Cluster, HP LoadRunner, Globus Toolkit, Condor.