

Lwin Moe

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Education

Indiana University

- M.A., Computational Linguistics (Expected in December 2010)

Asian Institute of Technology, Bangkok, Thailand (May 2009)

- M.S., Computer Science
- Thesis: Automatic Bitext Alignment of Southeast Asian Languages

Purdue University (May 2002)

- B.S., Information Systems
- Minor in Mathematics
- Graduated with highest distinction; Cumulative GPA: 3.85
- Dean's List
- Listed in Who's Who Among Students in American Universities, 2002

Institute of Medicine (2), Rangoon, Burma

- Finished second year
- Left school because of political crisis in Burma

Research Experience

Researcher (June 2005-August 2009)

Center for Research in Computational Linguistics, Bangkok, Thailand.

- Design and implementation of Southeast Asian Linguistic Archives (<http://sealang.net/sala>)
- Design and implementation of Southeast Asian language-related computer tools
- Automatic alignment of Thai-English bitext corpora
- Burmese-English dictionary project (<http://burmese.sealang.net>)
- Design and implementation of Thai, Khmer, Mon, Shan, and Karen dictionaries (<http://www.sealang.net>)

Industry Experience

Information Technology Consultant (December 2004-May 2005)

Digital Divide Data, Vientiane, Laos. (<http://www.digitaldividedata.com/>)

- Provided on-site IT training to Digital Divide Data Laos (DDDL) management team
- Created a detailed IT curriculum for training of DDDL staff
- Authored a manual on the maintenance of DDDL's IT systems

Teaching Experience

Assistant Lecturer (December 2002-November 2004)

Myanmar Institute of Theology, Rangoon, Burma.

- Taught computer science and mathematics to Bachelor of Arts in Religious Studies (BARS) students
- Assisted in establishing the IT infrastructure at Myanmar Institute of Theology
- Served as a consultant in the areas of curriculum development for BARS program

Teaching and Research Assistant (January 1999-May 2002)

Purdue University, Fort Wayne.

- Assisted the head of the Electrical Engineering department in preparing lecture notes, and projects
- Researched relevant topics such as Web Engineering
- Assisted students with their labs and projects
- Prepared lecture notes and labs for “Introduction to Computer Programming” and “Introduction to Computer Graphics Programming” classes
- Provided guidance to students with their lab and projects

Publications and presentations

- Johnson, P., Kim, B., Moe, L. & Erbach, D. (2002). Visualization of Web Retrieval Results. *Proceedings of the ISCA 15th International Conference on Computer Applications in Industry and Engineering*, 33-36.
- Moe, L. (2002). Visualization of Internet Search Result. *Proceedings of the 14th Annual Butler University Undergraduate Research Conference*, 47.

Computer Software

- Operating Systems: Linux, Unix, Microsoft Windows
- Database: MySQL, Oracle, Microsoft Access
- Programming Languages: Perl, Java, C, C++, SQL
- Natural Languages: Burmese (native), English (near-native), Thai (working knowledge)
- Software: Microsoft Office, OpenOffice.org, Latex, Maple, MiniTab, Adobe PhotoShop, Adobe PageMaker, GNU Image Manipulation Program (GIMP)

Extracurricular Activities

- Currently involved in many activities of Friends of Burma (FOB), a committee to help Burmese people; Roles include advising, maintaining a clear communication flow with the FOB committee in Burma, coordinating tasks to produce best results, and producing reports
- Helped people in the Burmese community of Fort Wayne, Indiana, with translation and interpretation needs
- Went on a mission trip to Navajo reservation in New Mexico, USA, to help their families repair roofs and volunteer at the local childcare center
- Assumed the responsibility of public relations for Dr. Chit Maung Library in Burma
- Co-founded a Mon Bible School library in Mawlamyine, Mon State
- Worked as a public relations coordinator for Karen Baptist Health Clinic in Rangoon, Burma

Reference

Doug Cooper

Director

Center for Research in Computational Linguistics

Bangkok, Thailand

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