

Kheng Hui YEO
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OBJECTIVE

A place in the National University of Singapore Electrical & Computer Engineering (ECE) Ph.D. programme, tentatively working on dialogue systems and language learning.

EXPERIENCE

Research Engineer March 2013 - Present

Institute for Infocomm Research (I²R)

Dialogue Technology Group, Human Language Technology Department

- Integrated in-house technologies such as automatic speech-recognition (ASR), text-to-speech (TTS), and voice biometrics (VB) engines with our dialogue system on various hardware platforms for exhibitions and events
- Developed Web-based demonstration platforms for our dialogue system
- Participated in mentorship and research opportunities with incoming students
- Supported adoption of software engineering practices such as version control

German Language Teacher

November 2012 - January 2014

JBS International College

- Developed curriculum materials including textbook and test material for conversational German evening class with a term duration of 10 weeks
- Conducted two iterations of the 10-week class

EDUCATION

Master of Science, Cognitive Science

October 2009 - August 2012

Concentrations: Computational Linguistics & Artificial Intelligence

Universität Osnabrück, Osnabrück, Germany

Bachelor of Engineering (Honours), Computer Engineering

August 2005 - May 2009

National University of Singapore, Singapore

COMPUTER COMPETENCIES

- *Languages:* Python, bash, C++, JavaScript, HTML, CSS, \LaTeX
- *Software:* git, github, gitlab, vim, Makefile, Photoshop/GIMP, LibreOffice
- *Operating Systems:* Ubuntu Linux, Windows

COMMUNITY ACTIVITIES

- *Hacks/Hackers Singapore* July 2014 - Present
Organized workshops and meetups for journalists and programmers looking to work together on interesting storytelling projects
- *Tête-à-Tête Language Tables* July 2016 - Present
Organized meetups for language enthusiasts and budding polyglots to practice various languages through informal conversation