

Education

- B.S. in Computer Science Sep 2009 - Aug 2013
Tatung University
- M.S. in Computer Science Sep 2013 - Aug 2015
National Tsin Hua University

Skills

- Familiar with C, C++, CUDA, Git
- Familiar with Linux development environment

Projects

- B.S.
 1. Accelerating Radiosity algorithm using hemi-cube approach
 2. Multi-step rendering using Radiosity and Ray-tracing
- M.S.
 1. Accelerating haze removal algorithm using GPU
 2. Task manager of Cloud Video Services using GNU Parallel and Thread Pool
 3. Accelerating HEVC Motion Estimation using GPU

Publications

- **Conference and Workshop**
 1. *Hao-Che Kao*, I-Ching Wang, Che-Rung Lee, Chi-Wen Lo, Hao-Ping Kang, Accelerating HEVC Motion Estimation Using GPU, IEEE BigMM 2016
 2. *Hao-Che Kao*, Hao-Ping Kang, Che-Rung Lee, Kun-Hsien Lu, Shu-Hsin Chang Achieving Cost Effective Cloud Video Services via Fine Grained Multicore Scheduling, ICPADS 2014