

# Cheonghyun Lee

## Contact Information

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## Education

- Korea Advanced Institute of Science and Technology (KAIST)
  - M.S. in School of Computing (Software Engineering) - expected on August 2016
- Texas A&M University-Central Texas
  - B.S. in Computer Information Systems - December 2013
  - Summa Cum Laude
- Central Texas College
  - A.A.S. in Business Programmer Analyst - December 2012
  - A.A. in General Studies - December 2012

## Research Interest

- Model-based Software Testing
- Adaptive Multi-agent System Testing
- System of Systems

## Publications

- Y. Baek, G. Hong, C. Lee, and D.-H. Bae, "A Screen Comparison Technique for Effective Model-based Android GUI Testing", in Korea Computer Congress, 2015.
- C. Lee, Y. J. Lim, E. Jee, and D.-H. Bae, "A Feasibility Study of Verification on a Task-based Test Model for Collective Adaptive Systems," in the 42nd KIISE Winter Conference, 2015.

## Project Participation

- Development of Software Modeling and Verification Techniques for Achieving Capabilities and Assuring Safety of System of Systems, KAIST-Daedeok Innopolis RED&B, March 2015 - November 2015
- Android GUI Testing Automation Tool and Technology Development, MDS Technology, October 2014 - July 2015
- Development of Autonomous Intelligent Collaboration Framework for Knowledge Bases and Smart Devices, Electronics and Telecommunications Research Institute (ETRI), May 2013 - April 2017
- Software R&D for Model-based Analysis and Verification of Higher-order Large Complex System, Ministry of Science, ICT and Future Planning (MSIP) SW Star Lab, March 2015 - February 2023

## **Certification**

- Microsoft Certified Solutions Associate on Windows Server 2012, MCSA (December 2013 - )
- CCNA Routing and Switching (August 2013 - August 2016)

## **Employment**

- Teaching Assistant: Korean-English Translator for Public Relations (January 2015 - )
- Multimedia Lab Assistant (part-time student worker 2009-2012) - Hobby Memorial Library in Central Texas College

## **Awards**

- Best Paper Award (the 42nd KIISE Winter Conference, 2015)

## **Skills**

- Programming Languages: C# (fluent); VB6, VBA, VB.NET, C++, Java, JavaScript, VBScript, Batch, HTML, PHP, ASP.NET, MySQL
- Software: Visual Studio (6.0, 2005, 2008, 2010), Eclipse, NetBeans, IntelliJ IDEA, Android Studio, Jenkins, Subversion, Git, Dreamweaver, Packet Tracer
- Communication Skills: Korean (native), English (fluent)