

JAEHOON LEE

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EDUCATION

KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, Daejeon, Korea 02/2007-07/2015

Bachelor of Science in Computer Science expected in July of 2015, Department of Computer Science (Current GPA: 3.68/4.3)

Relevant Courses: Discrete Mathematics, Computer Organization, Data Structure, Introduction to Algorithms, System Programming, Operating Systems and Lab, Problem Solving, Computer Ethics and Social Issues, Formal Languages and Automata, Digital System Design, Programming Language, Computer Graphics etc.

BERKELEY SUMMER SESSION, Berkeley, CA, USA 07/2008-08/2008

Student Exchange Program

- Computer Science 61A (SICP)
- Introduction to Human Nutrition

RESEARCH EXPERIENCE

KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, Daejeon, Korea 02/2014-06/2014

Individual Research, Supervisor: Professor Sue Bok Moon

Data Visualization

- Researched Internet Census 2012 Data Set and Hilbert Curve
- Searched Visualization Tools

KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, Daejeon, Korea 06/2009-11/2009

Undergraduate Research Program, ISNL Laboratory, Supervisor: Professor Sung Ho Jo

Robot Vision MonoSLAM

- Modified SceneLib 1.0 Open Source to update SLAM performance
- Drew a visual wall based on a normal vector calculated from 3d extracted points.

PROJECTS

Amazing, MadFactory (*Manager and Server Engineer*) 09/2013-01/2014

Amazing is a mobile drawing app service. It provides beautiful drawing tools and canvas sharing service.

Data Cooking, SWMaestro (*Manager and Front-end Engineer*) 08/2013-11/2013

Data Cooking is a web framework that was developed based on a d3 visualize framework.

Word Box, WordBox (*Manager and iOS Mobile Engineer*) 03/2013-08/2013

WordBox is a mobile application that helps students to memorize English words.

Study Gate, Knowledge Share (*Manager and Web Developer*) 02/2013-08/2013

Studygate is real-time, on-line tutoring service and solution.

M& Phonebook, INFOBANK (<i>Server Engineer</i>) I developed an xmpp proxy server between the Facebook message server and M& phonebook server.	09/2012-12/2012
M& Money, INFOBANK (<i>iOS Engineer & Server Engineer</i>) M& Money is a planning account App.	05/2012-08/2012
MnTalk & M&, INFOBANK (<i>iOS Engineer</i>) MnTalk is the first messaging app in Korea.	05/2011-04/2012
YouFirst Trading App, FUTUREWIZ (<i>iOS Engineer & Android Engineer</i>) YouFirst Trading App is a stock app from HyunDai Inc.	11/2010-04/2011
iPad Fairy Tale App, The Ox and The Frog, FUTUREWIZ (<i>iOS Engineer</i>) The Ox and The Frog is the iPad Fairy Tale App.	08/2010-09/2010
DirectShow Capture Source Filter, Flex & MFC Player, FUTUREWIZ Screen Capture Source Filter used as window streaming engine.	03/2010-08/2010

HONORS & AWARDS

KAIST E*5 Contest (6th out of 100 teams), KAIST (07/2013)
 Best Presentation Award, Startup Weekend 2011 (11/2011)
 Excellent Award, Seoul Smart App Contest (10/2011)
 Participant Award (Rank 3rd), Startup Weekend 2010 (10/2010)
 Korean Journal of Young Scientists – Research on fractal growth in alloy thin film (02/2007)

INDUSTRIAL EXPERIENCE

Infobank, Inc. <ul style="list-style-type: none"> ● Mobile App Engineer ● Java Server Engineer 	05/2011-12/2012
Futurewiz, Inc. <ul style="list-style-type: none"> ● Streaming Engine Filter Engineer ● Mobile App Engineer 	02/2010-04/2011

ACTIVITIES

<i>Manager, MadFactory and Knowledge Share (Startup Team)</i>	03/2013-01/2014
<i>Manager, SW Maestro 4th (Selected in 100 out of 425, Korean Government Programs)</i>	07/2013-11/2013
<i>Member, Mad Camp 6th (Selected in 10)</i>	07/2013-09/2013
<i>Assistant Teacher, Baeumeul Nanunen SaramDeul-Education Sharing Organization</i>	09/2012-02/2013
<i>Member, _Haje (Game Developing Club)</i>	06/2008-11/2009
<i>Member, Sorimoem (Korean Traditional Music Club)</i>	02/2007-06/2009

PROGRAMMING SKILLS

Language: Java, C/C++, Objective C, Python, Javascript, Scheme
 Mobile: iOS, Android
 Web Frontend: HTML, CSS, jQuery, Twitter Bootstrap
 Web Backend: Django (Python) / Netty, Spring, Hibernate, Mybatis, Zookeeper (Java) / Node.js (javascript)
 PCClient: MFC, WinAPI, DirectShow, Opengl
 Big Data: Hadoop, D3.js