

Jeehyung Lee

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Education

Carnegie Mellon University
Ph.D. Candidate, Computer Science

Pittsburgh, PA
Aug. 2008 - Current

Princeton University
B.S.E., Computer Science (GPA : 3.87/4.00)
Graduated *Summa cum laude*

Princeton, NJ
Sep. 2004 – Jun. 2008

Journal Publication

Predicting protein structures with a multiplayer online game
S. Cooper, F. Khatib, A. Treuille, J. Barbero, **J. Lee**, M. Beenen, A. Leaver-Fay, D. Baker and Z. Popovic
Nature. Vol. 466 : 756-760, 2010

Application of high throughput cell array technology to FISH : Investigation of the role of deletion of p16 gene in leukemias
D. Lee, **J. Lee**, H. Min, T. Kim, B. Oh, H. Kim, J. Lee, C. Lee, H. Chun, and H. Kim
Journal of Biotechnology, 127 : 335-360, 2007

The presence of TEL/AML1 rearrangement and cryptic deletion of the *TEL* gene in adult acute lymphoblastic leukemia (ALL)
D. Lee, Y. Kim, H. Cho, C. Lee, **J. Lee**, and H. Cho
Cancer genetics and cytogenetics, 162 : 176-178, 2005

Conference Publication

Sketch based search and composition of 3D models
J. Lee and T. Funkhouser
In proceedings of EUROGRAPHICS Workshop on Sketch Based Interfaces and Modeling, 2008

Conference Presentation

EteRNA - a multiplayer RNA game with high throughput experimental validation
J. Lee
RosettaCon 2010, Leavenworth, WA, Aug. 2010

Designing RNA with an online game

J. Lee, W. Kladwang, S. Federwisch, M. Yao, C. VanLan, J. Ciscon, N. Fishel, R. Das and A. Treuille

RNA 2010 Posters program, Seattle, WA, Jun. 2010

EteRNA – design your RNA with an online game

J. Lee

Andrew's Leap 2010, Pittsburgh, PA, Jul. 2010

Fold.it

J. Lee

RosettaCon 2009, Leavenworth, WA, Aug. 2009

SketchBook: Silhouette based 3D sketching interface

J. Lee and A. Finkelstein

SIGGRAPH 2007 Posters program, San Diego, CA, Aug. 2007

Selected Press Coverage

[EteRNA, an online game, helps build a new RNA warehouse](#)

John Markov

The New York Times. Jan 10, 2011

[Play a game and engineer real RNA](#)

John Roach

MSN Cosmic Log. Jan 11, 2011

[Minds beat machines in protein puzzles showdown](#), Wired

Jane McGonigal

The Wall Street Journal. Jan 25, 2011

[Video gamers tackle protein folding puzzles in Foldit](#),

John Markov

The New York Times. Aug 4, 2010

[Scientific discovery games : Game not over](#)

The Economist. Aug 5, 2010

[World of Proteincraft](#)

Rachel Ehrenburg

US News and World Report. Aug 5, 2010

Fellowship & Award

Presidential fellowship in life science

2009

Member of Phi Kappa Beta society

2008

Member of Sigma Xi, The Scientific Research Society

2008

Outstanding senior independent work prize, Princeton University	2008
Member of Tau Beta Pi, National engineering honor society	2006
Outstanding academic achievement, Princeton University	2005-2007

Book

[Demon Diary](#) (sold over 150,000 copies in US, Korea and Japan)
Kara and **J.Lee**
Mixx Entertainment, Inc., Los Angeles, CA. ISBN: 1-59182-154

Work/Teaching experience

Siemens Corporate Research, Princeton, NJ
Summer intern, Jul. 2008 – Aug. 2008

Princeton University Graphics lab, Princeton, NJ
Research assistant, Jun. 2007 – Aug. 2007

Princeton University Computer Science lab, Princeton, NJ
Teaching assistant, Sep. 2007 – Dec. 2006

Korea Telecom Corporate Research, Seoul, Korea
Summer intern, Jun. 2006 – Aug. 2006

Ehwa Medical School, Seoul, Korea
Volunteer, Jun. 2003 – Feb. 2004

Shigongsa, Seoul, Korea
Story writer, Sep. 2002 – Aug. 2003

Patent

Bio Cell Chip
D.Lee and **J.Lee**
US Patent applied (Application No. 10/920054)