

# Yun-Gyung Cheong

## Work Address

Venture I, Suite 101  
940 Main Campus Drive  
NC State University  
Raleigh, NC 27695

## Home Address

100K Ribbon Lane  
Cary, NC 27511  
(919) 247-2058

**Objective**      A summer internship position to perform natural language processing related research.

**Education**      North Carolina State University      Raleigh, NC  
Ph.D in Computer Science, expected May 2006. GPA 3.9 (4.0 Scale)

SungKyunKwan University      Seoul, South Korea  
M.S. in Information Engineering, February 1998. GPA 4.38 (4.5 Scale)  
– Thesis title: *A study on Tracking and Prediction of the Face Trajectories Using ART Neural Network*  
B.S. in Information Engineering, February 1996. GPA 3.34 (4.5 Scale)

**Research**      Mimesis      9/2002–current  
– Automatic Generation of Warning Instructions from Plan Spaces.  
– Dynamic User Interface using Planning on GUI-based Operating System.

Eye detection in dynamic images      3/1996–10/1997  
– Applied ART neural network to predicting eye trajectories.  
– Devised an effective algorithm to search for eyes.

Segmentation of Korean Hand Written Characters      3/1996–5/1997  
– Implemented the interface to hand written recognition part.  
– Wrote a technical report.

**Publications**      Prediction of eye trajectories based on the ART neural network, *IC-AI2000*.  
OMS for Replicated HLR System in Mobile Communications, *KICS-2000*.  
Fraud Management System for detecting illegal user in Mobil Communications, *KICS-1999*

**Experience**      North Carolina State University      Raleigh, NC  
Teaching Assistant, 8/2001–current.  
– TA for Operating Systems and Artificial Intelligence courses.  
– TA for Compiler Construction and Database Management courses.  
– Taught an exercise practice session and managed course web sites.  
– Graded assignments and projects.  
– Held TA office hours regularly.

LG Electronics  
Assistant Researcher at Research and Development Center, 5/1998–3/2001.

IMT-2000 HLR/AuC System in Mobile Communications

- Maintained operation and maintenance system.
- Implemented real-time Database manipulation interface.
- Developed Web user interface using CGI and PHP.

2nd generation of HLR/AuC System in Mobile Communications

- Designed Fraud detection and management function in AuC system.
- Implemented Network management system interface.
- Implemented Mobile Applications Protocol in AuC system.

SungKyunKwan University  
Teaching Assistant, 3/1996–2/1998.

- Taught units on UNIX and circuit practice sessions.

<b>Skills</b>	C, C++, Java, JSP, Java Servlet, Perlscript, LISP, HTML, XML, PHP, UNIX, TCP/IP Client and Server.
<b>Activities</b>	Department Ambassador at North Carolina State University. American Association for Artificial Intelligence (AAAI), student member. Liquid Narrative Group at North Carolina State University, member.
<b>Honors</b>	Computer Science Graduate Fellow, 2001–current. Awarded Korea Information Technology scholarship, 2001–current. Awarded Grand Prize for developing new enterprise at LG Electronics, 1999. Awarded Graduate fellowship in Computer Science, 1998.
<b>Reference</b>	Available on request.