JONG CHUL PARK

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684-5 Nonoi, Sakai
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EDUCATION

Carnegie Mellon University, Pittsburgh, PA
Ph.D. Candidate. September 2001 - Present
Major: Robotics

Carnegie Mellon University, Pittsburgh, PA
Master of Science – May 2001
Major: Mechanical Engineering

Kyoto University, Kyoto, Japan
Master of Science – March 1998
Major: Human and Environmental Studies

Osaka University, Osaka, Japan
Bachelor of Engineering – March 1996
Major: Mechanical Engineering for Computer-controlled Machinery

SKILLS

Computer Skills
- Operating Systems: UNIX(IRIX, Solaris, Linux) and Windows
- Embedded Systems: Motorola 68HC16, PIC microcontrollers
- Programming Language: C/C++, Python, MATLAB, Perl, OpenGL, FORTRAN, SD/FAST, LaTeX, HTML, SQL and Visual Basic
- Software: Microsoft Office, AutoCAD, Adobe Illustrator and Oracle.

Other Research Skills
- NOMAD 200 mobile robot
- Matrox Meteor frame grabber board
- Polhemus "FASTRAK2" 3D motion tracking and digitizing system
- BL Autotec "NANO" force sensor
- Stereographics "Crystal Eyes" LCD shutter stereoglasses

Language Skills
- Japanese: Native
  Born and spent 26 years in Japan
- Korean: Fluent
  Attended Korean schools for 12 years
- English: Fluent
  Reside for 3 years in Pittsburgh, U.S.
  TOEFL score 267 (in new standard)

HONORS AND ACTIVITIES

September 2001-Present

Graduate Fellowship, Robotics Institute, Carnegie Mellon University
- Researching a robotic manipulation of deformable objects.

January 1999-May 2001

Graduate Research Assistantship, Sensor Based Planning Lab., Carnegie Mellon University
- Doing mobile robot researches including autonomous navigation, vision-based positioning system development.

Computer Administrator, Sensor Based Planning Lab., Carnegie Mellon University
- Maintained linux workstations.

April 1996-January 1998

Computer Administrator, Vision Lab., Kyoto University
- Assisted in planning of the network topology and designed web pages of the laboratory.
- Served as an instructor of UNIX workstations and OpenGL language.

April 1996-March 1998

Senior Member, Korean Student Association of Kyoto University
- Served as a lecturer of Korean language and history.

April 1992-March 1996

Vice Chairman, Korean Student Association of Osaka University
- Served as a lecturer of Korean language and history. Worked for the civil right movement for the Koreans-in-Japan.

PUBLICATIONS

Robotics
- Howie Choset, Marco La Civita, Jong Chul Park, "Path Planning between Two Points for the robot Experiencing Localization Error", FSR'99 Proceedings of the International Conference on Field and Service Robotics, August, 1999, pp. 98-103
- S. Hirai, J.C. Park, K. Iwata, "Measuring Human Movement on Socks-wearing Task", Robotics Society of Japan, 14th Meeting, Sup. pp.1025-1026, 1996

Vision Science
- Jong Chul Park, Atsushi Takemoto, Yoshimichi Ejima, "Effect of Depth Corrugation on Slant Perception", Vision Society of Japan, ummer Meeting, Jul.1997
- Jong Chul Park, Yoshimichi Ejima, "Orientation Selectivity of Depth-contrast Effect on Two Slanted Surfaces", The Institute of Electronics, Information and Communication Engineers, Technical Report of Human Information Processing Group(HIP96-45), Mar. 1997

WORK EXPERIENCE
February 1998
to August 1998

Next One Co.,   Yokohama, Japan
- Assisted in developing the database system for Itochu corporation.

PROFESSIONAL AFFILIATIONS
- Student Member, Institute of Electrical and Electronics Engineers
- Student Member, Association for Computing Machinery
- Student Member, American Association for Artificial Intelligence
- Student Member, The American Society of Mechanical Engineers
- Student Member, The Vision Society of Japan

REFERENCES   Available upon request.