

HAI VU

YAGI LABORATORY, DEPARTMENT OF COMPUTER SCIENCE
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PERSONAL INFORMATION

Name:	Sex:	Date of birth:
HAI VU	Male	1976 May 12
Nationality:	Marital status:	
Vietnamese	Single	

EDUCATION BACKGROUND

- Oct. 2004 – Present: Yagi Lab., Department of Computer Science, Graduate School of Information Science and Technology, Osaka University, Japan.
Doctor in Computer Science.
- Sep. 1999 – Feb. 2002: Faculty of Information Technology, Hanoi University of Technology, Vietnam.
Sep. 2001- Dec. 2001: Institute National Polytechnic Grenoble, (INPG), France
Master in Information Processing and Communication.
- Sep. 1994 – May 1999: Faculty of Electronics and Telecommunications, Hanoi University of Technology, Vietnam
Bachelor of Electronics and Telecommunications.
- Sep. 1991 – May 1994: Thang-Long High School, Hanoi, Vietnam

RESEARCH EXPERIENCES

- Sep. 2004 – Present:
Medical imaging analysis with focusing on *Capsule Endoscopy (CE)* images; under supervision of Prof. Yasushi Yagi (Osaka University) and Prof. Tomio Echigo (Osaka Electro-Communication University) and professional supporting of Medical Doctors in Graduate School of Medicine, Osaka City University. Image processing and Pattern recognition techniques for supporting CE images diagnosis have been approached under aspects:
 - Conducted and developed a technique automatically controlling display rate of the CE image sequences to assist medical doctors in term of *reducing diagnostic time*.
 - Proposed methods *recognizing intestinal contractions* using spatio-temporal features and *understanding intestinal motility patterns* from the CE image sequences based on wavelet decomposition analysis.
 - Preliminary *examined abnormal regions* from the CE image sequences with a huge data set of patients (approximately 300 patients data collected in two years (06-07) with various abnormal region types).
- Sep. 2001- Dec. 2001:

Image feature extractions including color and local orientation for supporting a *Content-Based Image Retrieval System*; under supervision of Prof. Catherine Berrut (INPG-UJF) and Prof. Anne Guerin-Dugue (INPG-UJF).

WORK EXPERIENCES

- Sep. 1999 – Mar. 2004: Vietnam DataCommunication Company, Hanoi, Vietnam.
System and Network Administrator

SKILLS

- Language:
English (fluently), Japanese (elementary)
- Programming:
C++, C, Matlab, Visual Basic, Perl, SQL, JavaScript
- OS Administration:
Sun Solaris, Cisco OS, MS. Windows Server (MCSE Certified)
- Internet Services Administration:
DNS, HTTP, SMTP, LDAP, RADIUS

HOBBIES

Soccer, Table Tennis, Tennis, Photography