

Wenhui DAI

LAAS ,CNR
7 avenue du Colonel Roche
31077 Toulouse Cedex 4
Mobile : (+33)661-854-385
Email : monfydai@hotmail.com

Objective:

Seeking a challenging and rewarding position in a reputable organization where my skills can be fully utilized while gaining and sharing new experiences and knowledge.

Education Background:

2007.9--Current Master of Science in Computer Vision and Robotics (www.vibot.org)

Jointly awarded and study in three universities in Europe:

- Heriot-Watt University (2007. 09 - 2008. 02, Edinburgh, UK)
- University of Girona (2008. 03- 2008.07, Girona, Spain)
- University of Burgundy (2008.09-2008.12 Le Creusot France)

Specialty

- Scholarship of 21,000€/year financed by EU Erasmus Mundus Program
- Work and study with 32 research members selected from 17 countries.
- Required to work on multi research projects with high technique standard

2003-2007 Bachelor in Automation Zhejiang University, CHINA

-First Class Honor, GPA 3.65 out of 4.0, in this top 3 prestigious Chinese University.

-Main Courses and Grades (out of 100):

Programming in C (93) Probability & Random Processes (91) Linear Algebra(87)
Complex Variable Function & Integral Transformation(89) Ordinary & Partial
Differential Equations(88) Calculus (80) Computer Control Device(93) Physics(96)
Computer Simulation of Control System(96) Technology of Industry Process
Control(90) Computer Control System & Software(87) Principle of Automatic
Control(84) Modern Economics (94) Operation Research (92) Theory & Practice of
Investment Bank (93) System of Information Management (90) Primary German (82)

Key Projects

Object Tracking, University of Girona, Spain

Program an object tracking algorithm used in a RC10 FPGA board using Handel-C, realizing the application of hand tracking as well finger counting. (Handel-C)

Image Processing Tool Software, Heriot-Watt University, UK

Realize Functions of the software: image rotate, Image resize, Image Crop, Edge Detection, Blur Image with various filters, (Program in C++ / Linux)

Watermarking, Heriot-Watt University, UK

Technique of embedding of a CDMA Watermark in the wavelet domain is applied, as well as stableness is tested with different methods. (Matlab)

Internship

2009. 1-2009.7 LAAS, CNRS (Centre National de la Recherche Scientifique), **Toulouse**
Master thesis, Robot localization within a 3D geographic information system (Linux & C++)

2006.6- 2006.8 Zhejiang Juhua Group, China

Trainee in the factory to get familiar with the producing process, specialized in the control system (MATLAB) .

TECHNICAL SKILLS

Platform & Programming Languages:

- Linux, C, C++, HTML, Java, Matlab, Handel C, SQL, Ruby, OpenCV.

Language and Interests

- Chinese (native speaker), English (Advanced), French (Fluent), Spanish (basic)
- Certificate: **BEC** (Business English Certificate Higher), University of Cambridge
- Interested in traveling, squash, climbing, chess, cooking, etc.
- With UK working permit

Refrees

Dr - Professor: Fabrice Mériaudeau Coordinator of Master VIBOT Erasmus Mundus
Email : fabrice.meriaudeau@u-bourgogne.fr