



Aznul Qalid Md Sabri

CAMPUS:

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PERMANENT:

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OBJECTIVE

To apply the skills and knowledge learnt for the benefit of the organization.

To help achieve the organization's goal by synchronizing personal strengths with the organization's needs and visions.

SUMMARY:

- Currently, a student of the prestigious Erasmus Mundus's Masters in Vision and Robotics (ViBot)
- Former software developer of Malaysia's pioneering face recognition company (Corentix Technologies Sdn. Bhd.)
- University of Malaya's graduate with Bachelor degree of Computer Science, majoring in Artificial Intelligence
- Experienced with image processing, software development, board programming

EDUCATION: (October 2007 – Present)

Heriot –Watt University(Scotland, UK),University of Girona (Spain) and University of Burgundy(France) under, *Erasmus Mundus's Masters in Vision and Robotics (ViBot)*

Principal Subjects/ Occupational Skills covered

1st Semester: Heriot –Watt University

(Digital Signal Processing, Software Engineering ,Data Mining and Machine Learning, Image Compression and Communication and Image processing(Introduction))

2nd Semester: University of Girona

(Fundamentals on Robotics ,Autonomous Robots, Scene Segmentation and Interpretation, Visual Perception, Real-time Image Processing)

3rd Semester: University of Burgundy

(Shape Recognition Statistics, Image Analysis ,Infrared Imagery ,Human Vision Psychophysics , Radio-Isotopic Imagery X and Ultrasound Imagery, Biological basis of Medical Imaging)

(February 2003 – August 2006)

Universiy of Malaya (Kuala Lumpur, Malaysia) and obtained a *Bachelor Degree of Computer Science, Artificial Intelligence (Major)*

Principal Subjects/ Occupational Skills covered

Image Processing, Speech Processing, Artificial Neural Networks, C++, PROLOG, Fuzzy Logic, Database, Networking.

EXPERIENCE:

Trainee Software Developer, June 2004 to September 2004 (Corentix Technologies Sdn. Bhd., Kuala Lumpur, Malaysia)

- Various programming tasks that is meant to enhance the face recognition solution of the company.
- Involved in the company's participation in Malaysia's Information and Technology Expo (ITEX, 2004) in which the company won a gold award for its product.

Software Developer, June 2006 to September 2007 (Corentix Technologies Sdn. Bhd., Kuala Lumpur, Malaysia)

- Involved in enhancing the face detection engine of the face recognition solution developed by the company.
- Involved in image preprocessing – reducing the effects of luminance and etc.
- Various programming tasks that is meant to enhance the face recognition solution of the company.

Slab Fellow, September 2007 to Present (Department of Artificial Intelligence, Faculty of Computer Science and Information Technology, University of Malaya, Kuala Lumpur, Malaysia)

FINAL PROJECT (UNDERGRADUATE):

- Developed a speech – to – text software based on Discrete Wavelet Transform.

FINAL PROJECT (MASTERS):

- Digital watermarking of images.
- Applying machine learning algorithm to discover fashions in Second Life (<http://secondlife.com>).
- Design and implementation of algorithms for the fulfilment of specified tasks (obstacle avoidance, robot position estimation) using e-puck robot.
- Hand tracking and finger counting in real-time.
- Classification of objects from a number of visual object classes in realistic scenes (based on PASCAL Challenge 2006).

MASTERS THESIS:

- Random Walker based medical image segmentation

PERSONAL SKILLS AND COMPETENCES

LANGUAGES: • English (Excellent), French (Beginner)

SOCIAL SKILLS AND COMPETENCES:

- Am easily adaptable to an organization's work ethic as well as working culture.
- Highly interested in expanding both experience and knowledge in different areas of vision and robotics.

TECHNICAL SKILLS AND COMPETENCES:

- Highly experienced in different programming platforms such as C++ (MFC and Win32), MATLAB, Visual Basic and Handel – C.
- Dreamweaver, Macromedia Flash and Word processing softwares.)

REFERENCES:

- Prof. Fabrice Meriaudeau (Université de Bourgogne (uB), Le Creusot, France
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