Along TANTAI

Computer Vision and Embedded PROGRAMMER

HERTIG KNUTSGATAN 34A, HALMSTAD Sweden – Mob 0727136562 – along.tantai@gmail.com

Career Objective

I am a **hardworking and innovative** man who would like to join your team and work with you to solve problems and improve the product performance.

Seeking a full time position as a software engineer, computer vision developer or embedded programing engineer.

Summary

Formal training in Computer Science. Extensive software development knowledge: Computer vision algorithms theory and implementation. Embedded programing for software modules with embedded kernel. HMI develop, GUI develop, Android app develop. Open source advocate.

Experience

Internet of Things Test Bed
IBM China Research

Summer Job about a simulator in Java for test bed   **Jun 2012**

- Create a high performance database to store a big amount of data which is collected from the probe. (Without third-party software).
- Data searching by features.

Facial Gestures For Infotainment Systems
Volvo Car Corporation

Master Thesis in computer vision with Grade 5.   **2013 – 2014**

- Creat a Visual-based human machine interface.
- Detect mouth openning/closing event with high accuracy.(Could apply on eyes or other object)
- Combine C++ with Matlab based on OpenCV.

Innovation ACE Award 2013
Ericsson

Innovation Competition and Training   **Jun 2013**

- Free you from busy life - Mobile Housekeeper Innovation Idea.
- Get inspiration and procedure to develop an innovation concept.
- Create a set of customer related slogan and advertising video.

Vice-President of Student Union
Xidian University

Student Event   **2007 – 2010**

- The first session of Xi'dian University Kite Competition.
- New student orientation.
- Mid-Autumn Festival Gala.
- Student dormitory life survey.

Competence Area	
	• *Computer Vision*
	• *Embedded Programing*
	• *Database*
	• *Machine Learning*
	• *HMI*
	• *GUI*
	• *Android*
	• *Date Structure*
	• *Object Detection and Tracking*
	• *Face Verification*
	• *Optical Character Recognizer*
	• *Optical Flow*
	• *Functional Modules Programming*
	• *Wireless Communication*
	• *Embedded OS*
	• *Path Planning*

Technical Skills		
	• C++/C Language	*Proficient*
	• Matlab	*Proficient*
	• Java	*Proficient*
	• mySQL	*Proficient*
	• Python	*Proficient*
	• Ruby	*Mediocre*
	• Linux	*Mediocre*
	• Qt	*Proficient*
	• Git	*Mediocre*
	• Latex	*Proficient*
	• Android	*Mediocre*
	• OpenCV	*Proficient*
	• ROS	*Mediocre*
	• Eclipse	*Proficient*

Education

Halmstad University, Sweden

Master in Embedded and Intelligent Systems   *2011 – 2014*

Xidian University, China

Bachelor in Computer Science   *2007 – 2011*

Reference

Josef Bigun
Fellow IAPR, Fellow IEEE
Professor of Signal Analysis
Halmstad University
Halmstad, Sweden
Tel: +4635167227
Email: josef.bigun@hh.se