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***OBJECTIVE***

**To obtain an offer of acceptance into the MS Program**

***EDUCATION BACKGROUND***

**Beijing Institute of Technology**

**Bachelor of Engineering in Electronic Science and Technology (Orientation: Optoelectronic)**

**GPA: 85 /100**

***Professional Skills:***

**Software:** Matlab, Linux System, Microsoft Visual C++, Photoshop, Illustrator, Adobe Premiere, Multisim, Proteus

**Languages:** C, C++, PHP

***PAPERS***

**08/2009** Structure Design of Automotive Vehicle Night Vision System Based on Multisensor Image Fusion Algorithm

**06/2009** Distributed Computing of Internal Electric Field of Multiple-Electrode Image Device Based on SOR Method

**03/2008** Circuit Simulation Based on Proteus Software

**11/2007** Function Design and Circuit Manufacture of 8051 Single Chip

**09/2007** Design and Manufacture of Signal Generator

**05/2007** Circuit Design and Manufacture of Operational Amplifier

***EXPERIENCES***

**Research Experience:**

**09/2009-Present Research on the Non-contact Acquisition and Recognition Technology of Palm Vein Image**

**Brief Introduction:**

Breaking the restrictions of hand position or the fixation of hand bracket in the current vein recognition technology, this research proposes a convenient non-contact acquisition and recognition system of palm vein image. Through the improvement of image acquisition system and algorithm, a prototype palm vein identifier with high recognition rate and low limitation for users has been developed to achieve the automated non-contact acquisition of palm vein image and identification of users.

**Responsibilities:**

* Mainly took charge of image identification algorithm development and software design

**06/2009 Distributed Computing Program Design of Internal Electric Field of Multiple-Electrode Image Device**

**Brief Introduction:**

* Refined the algorithem based on the existing theories
* Promoted the arithmetic speed and accuracy

**07/2008-08/2008** Test Method of Mpeg 2 Decoding Chip and Accessory-Testing Chip Design

**03/2008** Circuit Simulation Based on Proteus Software

**Course Works:**

**05/2009** Course Experiments such as Driver of Linear CCD Image Sensor, Camera Signal Application, Active Filter, Low-noise Amplifier, etc.

**04/2009** The Experiment of Measuring the Response Time of Photoelectric Detector and Spectral Responsivity

**03/2008** Computer-Aided Simulation and Design of Digit Circuit and Artificial Circuit

**03/2007** Experiments Related To the Application of Interferometer

**10/2006** Design and Manufacture of Stabilized Voltage Supply 12V

***ACTIVITIES AND HONORS***

**08/2008-09/2008** Provided Spectator Service in Beijing Olympic Games and Paralympic Games as a volunteer

**09/2008** Designed and established website for School of Law, Beijing Institute of Technology

**10/2007-11/2007** Developed linux-based VPN website system independently

**2007, 2008** Won the honor of “Excellent Student Cadre” of BIT for two consecutive years

**10/2007** Won the honor of “Excellent Volunteer” in Good Luck Beijing 2008 International Goalball Tournament

**10/2007** Got the second prize in Social Practice Thesis Competition of School of Humanities and Social Sciences

**06/2007** Obtained the Award of Major Contribution in BIT Union of Associations

**11/2006** Won the second prize in “Old Green·New Beijing” Pictures Design Competition

**11/2006** Participated in making the campus movie “University Avenue” initiated by BIT Union of Associations

**10/2006** Set up web servers and made related websites for BIT Union of Associations

***OTHERS***

***Standard test***

**GRE**: **V: 440 Q: 780 A/AW: 3.0**  06/2009

**TOEFL**: **100** **(26/26/24/24) (internet based)**  08/2009

***Personal interest***

Movie, music, Artistic Design, cooking, tennis, martial arts (nunchakus)