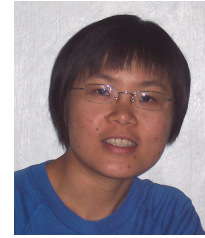


RESUME

Name : Kee Siew Kim
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Contact No. : 82030694



PERSONAL

Date of Birthday : 10 Jan 1974 Sex : Female
Age : 32 Marital Status : Single
Citizen : Singapore PR Nationality : Malaysian

EDUCATIONAL BACKGROUND

University

2003-2006 : Nanyang Technological University (NTU)
Course : Bachelor's Degree with Honors in Electrical and Electronic Engineering
Specialization : Electronics (Broad Option)
Achievement : 2nd lower class
- Final Year Project A-
- High Frequency Circuit Design B+
- Electronic Circuit Design B+
- Software Engineering B
- Digital Signal Processing B
- Wireless Communication B

Polytechnic

1999-2002 : Nanyang Polytechnic
Course : Diploma in Mechatronics Engineering
Specialization : Wafer Fabrication
Achievement : Certificate of Merit
- Digital Electronics Distinction
- Electrical Principles & Circuits Distinction
- Automatic Control Distinction
- Wafer Fabrication Distinction

Institute

1996-1997 : Industrial Training Institute, Malacca
Course : Industrial Electronics
Achievement : Vocational Certificate in Level II
- Soldering Pass
- Electronics Troubleshooting Pass

Secondary

1987-1993 : Sultan Ibrahim Girls' School, Johor Bahru
Achievement : STPM 2 Credits
- General Studies C
: SPM 5 Credits
- Mathematics A2
- Physics C3

Primary

1981-1986 : Sekolah Rendah Kebangsaan Ayer Molek, Johor Bahru

WORK EXPERIENCE

- Aug 2002 - Aug 2003 : Nanyang Polytechnic
Position : Development Technologist
Duties : Supervise electrical installation
: Program PLC and touch screen
: Prepare documentation for Micropipette Tip Box Filler & Automated CD Duplicator
: Keep record of electrical/electronic components, catalogues, tools
Reason for Leaving : Complete one-year contract
- Jun 1997 – Jun 1999 : Siemens Components Advanced Technology, Malacca
Position : Production Technician
Duties : Operate front-end wafer production machines:-
- laminator, grinder (DISCO), peeler, mounter (Nitto Denko), dicer (DISCO)
: Recover process and restart machine if machine fails
: Perform Statistical Process Control for bow/thickness of wafers
Reason for Leaving : Complete study bond
- Jul 1993 - Dec 1995 : Guardian Pharmacy, Johor Bahru
Position : Sales Assistant
Duties : Maintain inventory of goods, serve customers
Reason for Leaving : Pursue vocational studies
- Available Date : Immediate
Expected Salary : S\$ 2,600 (neg)

TECHNICAL EXPERIENCE

Final Year Project Jul 2005 – May 2006

- Research Centre : Centre of High Performance Embedded Systems, NTU
Objective : Implement RNS MAC unit on ASIC
Achievements : Decide the specifications for FIR Filter based on the given moduli-set
: Design modulo adder and modulo multiplier
: Implement the architectures for transpose FIR Filter
: Verify the results of RNS FIR Filter using Matlab Simulink
: Design and implement RNS Adaptive Filter

Industrial Attachment Jan 2005 - Jun 2005

- Company : University of Applied Science, Rapperswil, Switzerland
Objective : Regulate speed and position for DC motor using Nios II Development Board (Stratix)
Achievements : Program NIOS core using C using SOPC Builder
: Program FPGA device using VHDL
: Build an interface board for connecting motor to gear, encoder, LCD
: Prepare schematic and wiring drawings for DC motor controller

TECHNICAL SKILLS

Computer Knowledge

- Language : VHDL, C, Visual Basic
Automation : Matlab Simulink, FPWin Gr/Pro, GTWin
Design : Unigraphics, AutoCAD, OrCAD

Hardware Knowledge

- Embedded System : Nios II Development Board Stratix Edition
Microcontroller : TI Microcontroller MSP430449, Intel 8051
Automation : FP Sigma PLC, GT10 /GT30 Touchscreen

ACHIEVEMENTS

- 2006 : Awarded Most Valuable Player by NTU Hall Residence 9
- 2005 : Chosen for Industrial Attachment in Switzerland by NTU
- 2004 ; Participated in Work and Travel USA

LEADERSHIP SKILLS

University

- 2005 : Welfare Officer of NTU Air Rifle Club
- to look after welfare of club members
 - in charge of logistics and catering of food
 - leading 8 sub-committees
- 2005 : Group Leader of Human Resource & Management (HRM) Module
- to invent a socio-technological prototype
 - to discuss the given HRM assignments
 - leading 4 undergraduates
- 2004 : Publicity Officer of NTU Air Rifle Club
- to promote club through publicity
 - design banner, poster, pamphlet and t-shirt
 - leading 6 sub-committees

Polytechnic

- 2002 : Committee of NYP Japanese Cultural Program,
- to look after Japanese students during the exchange program
 - to organize games and ice-breakers
 - leading 12 polytechnic and Japanese students

LANGUAGE SKILLS

- Spoken : English, Malay, Mandarin, basic German
- Written : English, Malay, basic Mandarin, basic German

HOBBYS

Traveling, photography and playing hockey

REFERENCE

Final Year Project Supervisor

Professor Chang Chip Hong

Associate Professor, Division of Circuits & Systems

S2-B2c-9, Nanyang Technological University, Nanyang Avenue, Singapore 639798

E-mail: echchang@ntu.edu.sg

Tel: (65) 6790 5873

Industrial Attachment Supervisor

Professor Erwin Braendle

Head of Computer Technic, University of Applied Science, 8640 Rapperswil Switzerland

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Tel: (41) 55 222 4515