

Blk 283, Bukit Batok East Ave 3
#10-271, Singapore 650283

30 August 2004

APP System Services Pte Ltd
11, Toh Guan Road East #03-01
APP Enterprise Building
Singapore 608603

Dear Human Resources Manager

Application for the Position of Service Engineer

With reference to your advertisement in "The Strait Times" dated 21 August 2004, I would like to offer myself as a suitable candidate for the above position.

I started my first job in Sony Precision, Factory Automation Division, in writing PLC programs for customized automation machines. My responsibilities are to ensure that all the electrical sections of the machine (including software flow) satisfied all the customer requirements before handing over to them.

Prior to pursue full-time my studies, I worked in EG&G Heimann as an Engineering Assistant (EA). The product was a Micro-Accelerometer IC sensor that would activate the air-bag before a car crash. As the only EA and the product was in the prototype phase, my job functions were to setup, maintain and troubleshoot the whole production line from test fixtures, programming, conducting different types of testing (thermal, sensitivity etc.). Finally, I had to prepare documentation based on the testing results and sent the ICs to potential buyers for evaluation with a targeted date.

During my Industrial Attachment in Temic Automotive (S) Pte Ltd, I was given a challenging project based on my past working experiences. This half-year project was to evaluate the performance of ASECO S130 machine on the thermal test requirement of the IC that the company produced. The project was known as Tri-Temperature System that consists of five sub-systems: Central Control System (PC), OCR (using Cognex Vision System to read laser marking on chip), Measurement System and TCP/IP System.

I developed both the hardware and software (Visual Basic) for communication with the machine and collection of DOE result. The management decided to buy the S\$100K machine based on my final report at the end of my attachment.

With my exposure in machine installation and troubleshooting in a semiconductor-manufacturing environment, I have developed a keen interest in automation machines and testing and would want to focus my career in this field. If my resume is a close match of what you are looking for, I would welcome the opportunity to discuss with you my qualifications and abilities which does not show on the resume. I look forward to hearing from you.

Sincerely yours,



Yuen Kian Sing
Encl.

RESUME

MR Yuen Kian Sing

Blk 283, Bukit Batok East Ave 3, #10-271,
Singapore 650283.



Personal Data

Date of Birth : Oct 1973

Marital Status : Single

Mobile No : 90403225

Email Address : yuenks@singnet.com.sg

License : Class 3

Objective

To engage in both hardware and software development for automated systems in an established company where there is an opportunity for global exposure and prepare to challenge results and stretch expectation of self, others and organizations

Job Experience

Feb 2004 - Apr 2004

Administrator Officer (Temporary Contract-2 months)

NASTEEL LTD

Human Resource Department

- Organised, filing and follow-up of staff training record.
- Developed VBAs and macros for processing of training record in MS Office.
- Prepared TTP & TNA documentation for PDS audit in June.

Apr 2003 - Dec 2003

Data Security Analyst

NETWORK FOR ELECTRONIC TRANSFERS (S) PTE LTD

- Worked closely with technical and business unit to provide timely performance and risk information.
- Conducting risk identification and assessment for new investment products and markets for the purpose of integrating these into the corporate infrastructure system.
- Formalised security policies and procedures based on SDLC and ISO documentation.

Nov 1999 - May 2000

NTU Student Industrial Attachment Programme

TEMIC AUTOMATIVE (S) PTE LTD

- Conducted Pre-sale performance evaluation on an ASECO machine.
- Designed and developed hardware (PCB) to mount the IC jig and software in VB and Hp_Vee to evaluate the machine thermal testing performance.
- Conducted DOE on the machine based on the hardware and software being developed.
- Analysed DOE results being collected by the machine.
- Prepared and presented the final evaluation report to management to review the performance of the machine.

June 1997 - July 1998

Engineering Assistant

EG&G HEIMANN OPTOELECTRONICS PTE LTD

Silicon MicroMachining Department

- Conducted and supported the whole prototype testing line from modification of different types of IC test fixtures, programming, sensitivity, centrifuge, thermal and final testing.
- Prepared results and specifications to engineers and documentation for potential customers.

Apr 1996 - May 1997

Assistant Engineer

SONY PRECISION ENGINEERING CENTER PTE LTD

Factory Automation (FA) System Division

- Developed and debugged PLC software for customised machine.
- Responsible for troubleshooting electrical sections of the machine including wiring, sensors and motors.

May 1992 - Jun 1992

Singapore Polytechnic Student Industrial Attachment Programme

SYSMECH AUTOMATION PTE LTD

- Assisted engineer in debugging PLC programs.
- Wiring and mounting of electrical panel on the machine.

Education

2002

Nanyang Technological University (NTU), Singapore

Bachelor's Degree in Electrical and Electronics Engineering

1993

Singapore Polytechnic, Singapore

Diploma in Electronics and Communication Engineering
Major in *Control & Instrumentation Technology Option*

1990

Henderson Secondary School, Singapore

Attained 8 GCE "O" level credits

Skills

AutoCAD, Cadence, MSOffice with VBA

Programming languages

C / C++, Java, PLC, MS Access, Visual Basic,

Certificates

- ✓ ASECO S130 (Basic) Machine Maintenance Training

QC Consultant Pte Ltd

- ✓ Statistical Process Control (SPC)
- ✓ Design of Experiment (DOE)

Ngee Ann Polytechnic

- ✓ 60 hours in Programming C

Ordnance Engineering Training Institute (OETI - Army)

- ✓ Elect Tech 1 (Communication) - 4 months training course in OETI on troubleshooting and repairing of army signal equipment. This is to qualify for a Technical Comms Specialist posting during National Service.

Salary

Last-drawn: \$2430

Expected: *Negotiable*

Languages

Fluency in Mandarin, English, Hokkien and Cantonese.

References

Will be furnished upon request.