

# EASE DIAGNOSTICS HARDWARE DEVELOPER SKILL ANALYSIS

Please rate yourself in the following areas on a scale of 0 to 5.

<b>0</b>	no experience or training
<b>1</b>	no experience, limited training
<b>2</b>	some experience, training
<b>3</b>	substantial experience
<b>4</b>	advanced user
<b>5</b>	expert

<b>Applicant Information</b>
Name:
Address:
Phone:
Email:

## HARDWARE

<b>Analog</b>	
	Transistor Circuits
	Op Amp Circuits
	Phase Locked Loops
	Power Supply Circuits
<b>Digital</b>	
	Logic - TTL
	Logic - CMOS
	Logic - ECL
	Low Voltage Substrates
	MCU/Microprocessors (list specific models) - 8 Bit
	MCU/Microprocessors (list specific models) - 16 Bit
	MCU/Microprocessors (list specific models) - 32 Bit
	SRAM
	DRAM
	Non-Volatile / Flash
	Serial EEPROM
	CPLD
	FPGA
	Data Acquisition / D/A-A/D
	DSP (list specific models)
<b>RF</b>	
	RF Circuit Layout & Antennas
	900MHZ Design
	2.4GHZ Design
	802.11b Design
	Bluetooth Design
	FCC Approvals
	CE Approvals
	Mod/Demod (list specific...i.e. OOK,FSK,QAM)
<b>FIRMWARE</b>	
<b>Embedded Micro Controller</b>	
	Assembly (List micro controllers used)
	C Cross-Compilers, Development Environments

Programmable Logic	
	VHDL
	ABEL
	Other (list)
<b>PROTOCOLS</b>	
Modulations	
	PWM
	VPW
	Standard UART
	Vehicle Protocols (List)
	Other (List)
Async Comm	
	USB
	RS232
	RS485
	Other (List)
Sync Comm	
	SPI
	I2C
	CAN
	UDP
	TCP/IP
	Other (List)
<b>TEST</b>	
Test Equipment	
	Digital Sampling Oscilloscopes
	Spectrum/Network Analyzers
	Function Generators
	Multimeters
	Micro Controller Emulators (list specific model)
	Troubleshooting
	Circuit Simulation
<b>DESIGN ENTRY</b>	
	Schematic Entry
	Board Layout
	Board Artwork File Inspection
	Data Sheets
	Mechanical Design Entry
Specifications (list any specs you have worked with)	
	MIL Specs
	SAE Specs
	ISO Specs
	CCITT Specs
<b>GENERAL DESIGN SKILLS</b>	
	Conceptual (System design)
	Ability to improvise
	Familiarity with Automotive Systems

Please return completed form, resume and salary requirements to:  
EASE Diagnostics, Human Resources,  
Scott Technology Park, RR 1 Box 285, Olyphant, PA 18447  
Fax: 570-587-7081 Email: hr-08@obd2.com