

Job Skills Checklist

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Company Name _____

Open Position _____

Contact name _____

e-mail _____

Phone number _____

Type of Position Seeking/Filling

- Automation/Control Engineering
- Process Engineering
- Design Engineering
- Instrumentation Engineering
- System Integration/Consulting
- Production/Manufacturing Engineering
- Engineering Management
- Operations and Maintenance
- General or Operations Management
- Quality Control, Evaluation, Testing
- Research & Development
- Plant Engineering
- Technical / Application Support
- Sales
- Marketing
- Other

Product Experience

- Automation Equipment
- Bar Code Equipment
- Change Management Software
- CNC Control
- Communications / Network Products
- Data Acquisition / Collection
- Data Logging, Historical Archiving
- HMI, MMI, & SCADA Software
- Industrial Computers & Peripherals
- Industrial Enclosures
- Industrial Monitors / Displays
- Instrumentation
- Interconnects & Interfaces
- I/O Products
- Manufacturing Executions Systems (MES)
- Marking Systems
- Motion Control
- Motors, Motor Drives and Controls
- Operator Interfaces
- Operator Consoles
- PC-Based Control
- PLCs - Programmable Logic Controllers
- Power Supplies / Circuit Protection
- Process Control
- Robotics, Robot Control
- Safety Devices / Equipment
- Scales / Weighing Systems
- Sensors
- Switches / Pushbuttons / Indicating Lights
- Terminal Blocks
- Test / Measurement Equipment
- Vision & Imaging Sensors / Systems

Industry Experience

- Aerospace
- Automotive
- Biotechnology
- Chemical
- Commercial/Institutional
- Defense/Military
- Electronics
- Entertainment/Theme Parks
- Food and Beverage
- Forest & Wood Products
- Gas and Oil
- Government
- Manufacturing
- Material Handling
- Medical
- Metals

- Microelectronics/Semiconductor
- Mining
- Packaging
- Petro-Chemical
- Pharmaceutical
- Plastics
- Power Plants/Utilities
- Pulp and Paper
- Tele-Communications
- Textiles
- Water/Wastewater Treatment
- Web Handling

Professional Skills

- Algorithm Design
- Analyzer Technician
- Bar Code Implementation
- Batch Processing
- Building Automation/HVAC
- CNC Programming
- CNC Machining
- cGmP – Good Manufacturing Practices
- Chemical Engineering
- Computer Science/Engineering
- Consulting
- DCS Programming
- Database Design
- Data Collection Systems
- Design/Drafting Services
- Design Engineering
- Design Specifications
- ERP/MRP Integration
- Electrical Engineering
- Electrician - Journeyman
- Electrician – Master
- Engineering Management
- Environmental Engineer
- Field Installation/Startup
- Field Service Technician
- Functional Requirements Definition
- HMI/SCADA Configuration
- Human Factors Engineering
- Hydraulic Systems
- Instrumentation
- Maintenance Technician
- Manufacturing Engineer
- Manufacturing Execution Systems
- Mechanical Engineering
- Motion Control Programming
- Motor Drive Configuration
- Network Design/Configuration
- OIT Configuration
- P&ID Development
- Panel Assembly & Wiring
- Panel Layout/Design
- PC-Based Controls Programming
- PLC Programming
- Power Engineering
- Process Engineering
- Product Design
- Product Management
- Project Management
- Project Technical Lead
- Quality/Validation Engineering
- Robotics Programming
- Safety/Hazardous Loc. Design
- SEMI Standards
- Software Development
- Standards Definition
- Substation Automation
- Technical Training
- Technical Writing
- Vision Systems Programming

Design/Drafting Tools

- AutoCAD
- CimLogic
- Microstation
- Pro-Engineer
- PromiseE
- Rebis
- RSWire
- SolidWorks
- Via

Product Design/Development

- ASIC Designs
- Analog/Digital Circuit Design
- Bar Code Equipment
- Computer Peripherals
- Control Software
- DCS/Process Control Systems
- Data Historians
- Driver Software (OPC, DDE, etc.)
- Embedded/Micro Controller
- Firmware Engineer
- FPGA
- Hardware Engineer
- HMI/SCADA Software
- Industrial Computers
- Industrial Enclosures
- Industrial Monitors
- I/O Products
- I/O Servers
- Instrumentation
- Machine Design
- MES Software
- Motor Drives
- Motion Control
- Network Products
- Operator Interface Terminals
- PCB Design
- PLCs
- Robotics
- Sensors
- VHDL
- Vision Systems

Quality Control & Testing

- CMMI (Process Integration and Product Improvement)
- FDA Validation
- Hardware Product Testing
- Hardware Quality Management
- Reliability Testing
- Six Sigma
- Simulation
- Software Product Testing
- Software Quality Management
- SPC/SQC Software
- Test Development

Industry Standards

- ANSI
- CE
- CSA
- FM
- FMEA / FMEDA
- IEC
- ISO
- NEC
- NEMA
- NPFA
- OSHA
- UL

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Note: Please check all experiences that apply in each section.

If you would like a representative to contact you regarding a job posting, please fax this completed form back to us toll free at 1-877-593-6792

Programmable Logic Controllers (PLC)

- Allen-Bradley
- Automation Direct
- GE Fanuc
- Grayhill
- Idec
- Mitsubishi
- Modicon
- NAIS/Aromat/Matsushita
- Omron
- Opto22
- Rockwell Automation
- Siemens
- Sixnet
- Square D
- Toshiba
- Telemecanique
- Triconex

Motion Controllers

- Acroloop
- Allen-Bradley
- Applied Motion Products
- Animatics
- Danaher
- Delta Tau
- Emerson
- Galil
- Giddings & Lewis
- Indramat
- Industrial Devices Corporation
- Kollmorgen
- National Instruments
- Mitsubishi
- ORMEC
- Pacific Scientific
- Parker Compumotor
- Reliance
- Rockwell Automation
- U.S. Digital Corporation
- Warner/Dana/Superior
- Yaskawa

Variable Frequency Drives

- ABB
- Allen-Bradley
- Baldor
- Control Techniques
- Eaton/Cutler-Hammer
- Emerson
- Eurotherm/Invensys
- Fenner
- GE Fanuc
- Graham/Danfoss
- Hitachi
- MagneTek
- Mitsubishi
- Reliance
- Robicon
- SEW Eurodrive
- Siemens
- Square D
- Toshiba
- Yaskawa

**Skills continued on second page. Please fill out and fax both pages.*

Job Skills Checklist

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Company Name _____

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Robotics

- ABB
- Adept
- CRS Robotics
- Fanuc
- KUKA
- Midmac Systems
- Mitsubishi
- Motoman
- Nachi
- Nimbl
- Panasonic
- Samsung
- Sankyo Robotics
- Schilling Robotics
- Seiko
- Staubli Unimation
- Toshiba
- Ventax Robot
- Yaskawa

Computer Numerical Controls (CNC)

- Anilam
- Fagor
- GE Fanuc
- Giddings & Lewis/Thyssen
- Heidenhain
- Mannesmann Rexroth-Indramat
- Mitsubishi
- Mitsui
- Rockwell Automation
- Siemens
- Sony
- Vickers
- Yaskawa

Electronic Operator Interface (OIT)

- Allen-Bradley
- AVG/Uticor
- CTC/Parker
- Eason Technology
- Eaton/Cutler Hammer
- GE Fanuc/TCP
- Maple Systems
- Nematron
- Siemens
- Xycom

Human-Machine Interface (HMI)/SCADA

- Citect
- GE Fanuc
- Iconics
- Intec
- Intellution
- National Instruments
- Nematron
- PC Soft
- Rockwell Software
- Siemens
- TA Engineering
- U.S. Data
- Wonderware
- Xycom

Data Collection/Bar Code

- Datamax
- Intermec
- Metrologic
- Microscan
- Opticon
- Percon
- PSC
- SATO
- Sick Optics
- Symbol
- Telxon
- Welch Allyn
- Zebra

Data Historians

- Aspen Technology
- Executive Manufacturing Technologies
- GE Fanuc
- Mountain Systems
- OSI Software
- Rockwell Software
- Wonderware

Process Control (DCS)

- ABB
- Bailey
- Emerson
- Fisher-Rosemount
- Foxboro
- GE Fanuc
- Honeywell
- Johnson Controls
- Moore
- Rockwell Automation
- Siemens
- Toshiba
- Valmet
- Westinghouse
- Wonderware
- Yokogawa

PC-Based Control

- Beckhoff
- CTC/Parker
- Data Flow Systems
- GE Fanuc
- Iconics
- Intellution/Wizdom
- National Instruments
- Rockwell Software
- Siemens
- SoftPLC
- Steeplechase
- Taylor/TCP
- Think & Do
- Wonderware

Vision Systems

- Cognex
- Computer Recognition Systems
- DVT
- Keyence
- PPT Vision
- Robotic Vision Systems

Networks

- ASI Bus
- BackNet
- CAN
- ControlNet
- DeviceNet
- Ethernet TCP/IP
- Fieldbus
- Interbus S
- Lonworks
- Metsys
- Modbus
- Modbus Plus
- Profibus
- Radio Frequency
- SDS
- Satellite
- Seriplex
- Spread Spectrum

Manufacturing Execution Systems (MES)

- Aspen Technology
- Camstar Systems
- CIMNET
- Citect
- Consilium

Automation.com

- Effective Management Systems
- FASTech Integration/Brooks
- Gensym
- Hilco
- Marcam Solutions
- ORSI Group
- Promis Systems
- Realtime Information Systems
- RWT Corporation
- SynQuest (Fact, Inc.)
- Wonderware

Software Technologies

- Active X
- COM
- DCOM
- DNA
- Linux
- ODBC
- OLE
- OPC
- OS-9
- Other Object Oriented
- SQL
- Unix
- VRTX
- VxWorks
- Windows 2000
- Windows CE
- Windows NT
- Windows XP

Software Development

- .NET
- Ada
- Assembly
- Basic
- C
- C++
- Cobal
- Corba
- Delphi
- Flow Chart
- Fortran
- HTML
- Java
- Ladder Logic
- MFC
- Pascal
- Perl
- Sequential Function Chart
- Structured Text
- Visual Basic
- Visual Basic for Applications (VBA)
- Visual C
- Visual C++
- Visual Java
- XML

Database Design

- Btrieve/Pervasive
- DB2
- Dbase
- Foxpro
- Gupta SQL
- Microsoft Access
- Microsoft SQL Server
- Oracle
- Sybase

Certifications & Licenses

- CAP - Certified Automation Professional (ISA)
- CCST - Certified Control Systems Technician (ISA)
- CIMM - Certified Industrial Maintenance Mechanics (ISA)
- CPM - Certified Project Manager
- CSE - Control Systems Engineer License (ISA)
- Certified Technician
- PE - Professional Engineer License
- PMP - Project Management Professional (PMI)

Microsoft Certifications

- Systems Engineer (MCSE)
- MCSE + Internet
- Professional (MCP)
- MCP + Internet
- MCP + Site Building
- Solution Developer (MCSD)
- Database Administrator (MCDA)
- Trainer (MCT)

Technical Sales & Support

- Distributor Sales
- Distributor Technical Support
- Equipment/Hardware Sales
- Inside Sales
- Manufacturer Direct Sales
- Manufacturer Representative Sales
- Manufacturer Technical Support
- Marketing
- Sales Management
- System Integration Sales
- Software Sales
- Technical Sales - Data Collection
- Technical Sales - Data Historians
- Technical Sales - Drives
- Technical Sales - Electronic Operator Interfaces
- Technical Sales - Hazardous/Intrinsic Safety
- Technical Sales - HMI, SCADA
- Technical Sales - MES
- Technical Sales - Motion Control
- Technical Sales - PC-Based Control
- Technical Sales - Process Control
- Technical Sales - PLCs
- Technical Sales - Robotics
- Technical Sales - Safety Devices
- Technical Sales - Sensors
- Technical Sales - Vision Systems

Languages

- Chinese
- Czech
- English
- French
- German
- Hindi
- Italian
- Japanese
- Polish
- Portuguese
- Spanish
- Russian

Society and Organization Involvement

- American Association of Engineering Societies
- American Indian Science and Engineering Society
- American Society of Engineering Education
- Global Institute for Technology & Engineering
- Institute for Women and Technology
- Institute of Electrical and Electronic Engineers (IEEE)
- Instrumentation, Systems, and Automation Society
- Mexican American Engineers and Scientists
- Minorities and Women in Engineering (ASME)
- National Society of Black Engineers
- National Society of Professional Engineers
- Society of Hispanic Professional Engineers
- Society of Manufacturing Engineers
- Society of Women Engineers
- Women in Engineering (IEEE)
- Women & Minorities in Science & Engineering