Job Skills Checklist

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, MML, & 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
gMP – Good Manufacturing Practices
- Chemical Engineering
- Computer Science/Engineering
- Consulting
- DCS Programming
- Database Design
- Data Collection Systems
- Design/Drafting Services
- Design Engineering
- Design Specifications
- ERP/MPR 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
- ProEngineer
- Rebits
- RS232
- SolidWorks
- Visio

**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
- VHD
- Vision Systems

**Quality Control & Testing**
- CMII (Process Integration and Product Improvement)
- JHA Validation
- Hardware Product Testing
- Hardware Quality Management
- Reliability Testing
- Six Sigma
- Simulation
- Software Product Testing
- Software Quality Management
- SPC/SQC Software
- Test Development

**Programmable Logic Controllers (PLC)**
- Allen-Bradley
- Automation Direct
- GE Fanuc
- Grayhill
- Idac
- Mitsubishi
- Modicon
- NAIS/Aromat/Matsushita
- Omron
- Opto22
- Rockwell Automation
- Siemens
- Sixnet
- Square D
- Toshiba
- Telemechanique
- Triconex

**Motion Controllers**
- Acroloop
- Allen-Bradley
- Applied Motion Products
- Animatics
- Danaher
- Delta Tau
- Emerson
- Galli
- Giddings & Lewis
- Indramat
- Industrial Devices Corporation
- Kollmorgen
- National Instruments
- Mitsubishi
- OMRON
- Pacific Scientific
- Parker Compmotor
- 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
- Magneteck
- Mitsubishi
- Reliance
- Robicon
- SEW Eurodrive
- Siemens
- Square D
- Toshiba
- Yaskawa

*Skills continued on second page. Please fill out and fax both pages.*
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<tr>
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<th>Data Historians</th>
<th>Process Control (DCS)</th>
<th>Software Development</th>
<th>PC-Based Control</th>
<th>Vision Systems</th>
<th>Networks</th>
<th>Database Design</th>
<th>Certifications &amp; Licenses</th>
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<tr>
<td>ABB</td>
<td>Aspen Technology</td>
<td>ABB</td>
<td>Beckhoff</td>
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<td>Cognex</td>
<td>ASI Bus</td>
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<td>Executive Manufacturing Technologies</td>
<td>Bailey</td>
<td>CTC/Parker</td>
<td>Ada</td>
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<td>BackNet</td>
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<td>FE Fanuc</td>
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<td>Keyence</td>
<td>ControlNet</td>
<td>Gui SQL</td>
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<td>Fisher-Rosemount</td>
<td>Icons</td>
<td>C++</td>
<td>PPT Vision</td>
<td>Ethernet TCP/IP</td>
<td>Gupta SQL</td>
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<td>Foxboro</td>
<td>Intellution/Wizdom</td>
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<td>Fieldbus</td>
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<td>Interbus S</td>
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</table>

**Data Collection/Bar Code**
- Datamax
- Intermec
- Metrologic
- Microscan
- Option
- Percon
- PSC
- SATO
- Sick Optics
- Symbol
- Telxon
- Welch Alyn
- Zebra

**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/Ulticor
- CTC/Parker
- Eaton/Outlier Hammer
- GE Fanuc/TCP
- Maple Systems
- Nematron
- Siemens
- Ycorm

**Human-Machine Interface (HMI)/SCADA**
- Citect
- GE Fanuc
- Icronics
- Intec
- Intellution
- National Instruments
- Nematron
- PC Soft
- Rockwell Software
- Siemens
- TA Engineering
- U.S. Data
- Wonderware
- Ycorm

**Data Management Systems (MES)**
- Aspen technology
- Camstar Systems
- CIMNET
- Citect
- Consilium

**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 – Devices
- 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