The Software engineer position we have open could be a multi role position (both combined) or either of these two roles (independent of the other) listed below.

HIGH LEVEL LANGUAGE SOFTWARE ENGINEER

Small but growing machine tool rebuilder/manufacturer in the Rockford, IL area is seeking a qualified Microsoft Visual Studio software developer with a solid mathematical background. Experience in the development of machine tool human interface systems is a plus, but experience in any type of human machine interface with data base support is acceptable. General knowledge of metal working machine tools as well as their function and use is required. Knowledge of gears and gear manufacturing techniques is a significant plus. Familiarity with PC/PLC/NC programming on Siemens, Fanuc and NUM CNC systems is a plus. Occasional travel is required.

Responsibilities/Duties:
- Occasional travel to customer locations primarily in the USA and some travel in Mexico, Canada and maybe some overseas work.
- Development and Verification Testing and/or Correction of operator HMI systems primarily for CNC Controlled gear manufacturing equipment.
- Operational training of new, rebuilt or pre-owned machines.
- Able to work with other personnel and customers in a professional manner
- Perform other software development duties, as assigned

Job and Skill Requirements:
- Comprehension of machine tool operation principles.
- Knowledge of PLC logic, CNC functions and programming concepts, Servo Systems and Feedback Systems.
- Ladder Logic reading and comprehension for Interface needs.
- Proficiency in technical writing.
- Familiar with personal computer, iPad, iPhone and other standard office equipment.
- Familiar with the use of MS Word, MS Excel
- Be eligible to work in the U.S.
- Must have valid driver's license
- Able to obtain a passport

Machine Tool Builders
REBUILDING • RECONTROLLING • SERVICE

CONTROLS SOFTWARE/STARTUP ENGINEER

Small but growing machine tool rebuilder/manufacturer in the Rockford, IL area is seeking a qualified PLC/CNC/MACRO programmer. Experience in the use of M and G code programming with a heavy emphasis on the development of Macro programs is desired. Human Machine Interface design experience using the native languages for the CNC is a big plus. Knowledge of metal working machine tools as well as their function and use is required. Knowledge of gears and gear manufacturing techniques is a significant plus. Familiarity with PLC/CNC programming on Siemens, Fanuc is mandatory, experience on other CNC systems like NUM and Fagor is a plus. Travel is required.

Responsibilities/Duties:
- Some travel to customer locations primarily in the USA and some travel in Mexico, Canada and maybe some overseas work.
- Diagnosis of problems with machine functions and performance with the ultimate goal to effect the following repairs to rectify the problem.
    o Electrical, Control, Servo or Feedback repairs.
    o Fluid system repairs.
- Installation and operational training of new, rebuilt or pre-owned machines.
- Able to work with other personnel and customers in a professional manner
- Travel on a fairly steady basis (possible >50% of the time)
- When not traveling, we expect you work in the shop assisting in the rebuild, manufacturing, wiring and startup of the equipment.
- Perform all other duties, as assigned

Job Skill Requirements:
- Read, understand and follow mechanical, electrical, fluids drawings.
- Knowledge of electrical circuitry (high and low voltage), relay control logic, PLC logic, CNC functions and programming, Servo Systems and Feedback Systems.
- Knowledge of hydraulics, lubrication systems, pneumatic systems, coolant systems and other fluid power systems.
- Ladder Logic reading, writing, and comprehension for diagnosing problems.
- Fluency in operation, commissioning and software for Siemens, Fanuc, NUM or other CNC equipment is highly desired.
- Familiar with volt/ohm/amp meters and oscilloscope use.
- Must have own tools
- Proficiency in technical writing.
- Familiar with personal computer, iPad, iPhone and other standard office equipment.
- Familiar with the use of MS Word, MS Excel
- Be eligible to work in the U.S.
- Must have valid driver's license
- Able to obtain a passport

Educational Requirements:
- College, High School Diploma or GED with proven abilities to write software.
- Completion of machine building apprenticeship or journeyman's preferred.
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Physical Requirements:
- Standing, Lifting, Walking, Climbing Ladders, Elevated Work, Air travel

We are proud to offer a work environment where people can do their best. We offer an excellent compensation package including a competitive base salary, comprehensive health, life, dental and disability insurance. Equal Opportunity Employer Minorities/Females/Veterans/Disabled Welcome.

Send your resume in confidence to Machine Tool Builders, 7723 Burden Road, Machesney Park, IL. 61115 Attn: John Waxler