

David M. McLaughlin

248 Westberry Circle

Tallmadge, Ohio 44278

Phone : 330-801-3758

EXPERIENCE

- HTML5, CSS3, JavaScript, jQuery, Bootstrap, Express.js, React.js, Node.js, Database Theory, MongoDB, MySQL, Command Line, Git, and more.
- Over 33 years of fabrication, machining and programming in a manufacturing environment.
- Over 25 years supervisory experience.
- Journeyman Moldmaker since August 14, 1992.
- Very strong blueprint reading and math skills.
- Diverse computer experience including programming and NC network administration.
- CNC programming manually or using MasterCam, PowerMill and Powershape.
- Very experienced in High Speed Machining including calculating speeds and feeds, selecting the proper tooling for the application and programming techniques.
- Cutting on materials including stainless steel, inconel, carbon steels, tool steels such as p20, h13, and various types of aluminums, beryllium copper and carbon used for EDM.
- Engineering and design rev changes to Molds by analyzing the product and designing 3D models; design of 3D models from 2D drawings; design and programming carbons for EDM; design jigs and fixtures.
- Set up and operation of CNC horizontal boring mills, CNC vertical mills, CNC lathe, CNC EDM machine, engine lathes, vertical and horizontal mills, vertical and horizontal band saws, radial drill press, bench drill presses, six-spindle drilling machines, gun drill, surface grinders, and small punch presses.
- Welding experience including TIG welding, MIG welding, arch welding, soldering and brazing on materials such as various types of aluminum, steel, beryllium copper.
- Use of precision measuring tools such as inside, outside and depth micrometers, vernier and dial calipers, gauges, protractors, sine bars, scales and comparator with digital readout.
- Operated cranes up to 20 ton capacity, experience includes calculating the weight of materials and selecting the proper rigging.

CERTIFICATIONS

Case Western Reserve , April 2018. **Coding Bootcamp** – completed a 24-week certificate course in Full Stack Web Development.

University of Akron, April 2003. **Introduction to Visual Basic 6.0** – completed a 12-week certificate course in programming Windows applications.

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Iscar's, June 2000. **High Feed Machining Training Program**

Hausermann, October 1999. **CNC EDM programming technology.**

Makino's, July 1997. **Die/Mold Process Technology Transfer Training Program.**

State of Ohio, August 1992. **Completion of four year Apprenticeship for Journeyman Moldmaker.**

EMPLOYMENT

Shift Supervisor. *BWXT Nuclear Operations Group Inc.* Barberton, Ohio. 2003 to present.

Oversee and coordinate the daily production and manufacturing of large components.

Supervision of 97 employees across three shifts in CNC machinery, tool grinding, hand grinding, and assembly. Operations Foreman for 12 years then promoted to Operations Shift Supervisor.

- Implement and manage departmental goals to assist in reaching company goals
- Schedule department resources to meet established scheduling deadlines
- Troubleshoot process, tools, and programs in a timely manner
- Liaison between shop floor personnel and operation support groups
- Monitor employee attendance
- Ensure area housekeeping is up to expectations
- Enforce all safety, security and company policies and Collective Bargaining Agreement
- Responsible for manufacturing components to meet Quality standards
- Maintain time and production records
- Attend, participate in scheduling and production meetings
- Communicate pertinent and relevant issues to other supervision and management
- Schedule overtime according to needs
- Testing and purchasing of tools and shop supplies
- Responsible for qualifying and employees training on equipment
- Safety training on hazardous materials and equipment safety.
- Presenting weekly tool box talks.
- Implementing and updating JSA's

General Foreman. *Gauer Mold & Machine.* Tallmadge, Ohio. 1989 to 2003.

Oversee and coordinate the daily production and repair work of plastic injection molds, structural foam molds, compression molds, blow molds and die casting, from design to completion. Hired as machinist then promoted to CNC Programmer/ Foreman then promoted to General Foreman.

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- Supervision of 42 employees in NC programming, manual and CNC machinery, EDM, tool grinding, welding, polishing, and assembly, shipping and receiving.
- Testing and purchasing of tools and shop supplies.
- Responsible for upgrading shop machinery/technology, and employee direction and training on new equipment.
- Safety Coordinator: safety training, hazardous materials and equipment safety.
- Schedule department resources to meet established scheduling deadlines
- Participate in quoting new work by estimating production hours

Drill Press Setup Operator. Morse Controls. Hudson, Ohio. 1988 to 1989.

Shop experience for a cable and controls manufacturer.

- Set up operator for bench drill presses, automatic drilling machines and Burgmasters (six spindle drilling machines) to drill, tap and bore parts; work ing from blueprints.

Welder Fabricator. Air Enterprises, Inc. Akron, Ohio. 1985 to 1988.

Fabrication and welding work from blueprints in the manufacturing of commercial air flow units.

- Working with aluminum stainless steel, galvanized steel and cold rolled metals.
- Operation of TIG welders, MIG welders, Arc welders, torches, plasma arc cutter, punch press, drill press, vertical and horizontal band and circular saws, shear and brake.
- Operated cranes up to 10 ton capacity, experience includes calculating the weight of materials and selecting the proper rigging.