

# Ryan Hoskins

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## OBJECTIVE:

My goal is to do challenging work that provides an opportunity to use my mechanical aptitude to solve problems and create quality products and results.

## EMPLOYMENT HISTORY:

*October 2016* **Volt Workforce Solutions - On Assignment at 3M** **Maplewood, MN**  
*to* Lab Technician - Critical Chronic Care Division  
*Present*

In this position I assist the running of a versatile extrusion coating line. I am also in charge of various slitting operations, and run various testing methods to test samples. Additionally, I maintain numerous Hazardous Waste streams, and Lab equipment & organization.

*2005* **Ryan Hoskins Metalsmithing LLC** **Maplewood, MN**  
*To* Owner  
*Present*

Since 2005, I have operated my own metalsmithing and blacksmithing business. Projects include: 40' railings, home décor, sculpture, architectural iron work, custom knives, and welding repair jobs on dump trucks, skid loaders, trailers, and snowplows. Commissioned work often varies from small to large, and from simple to high levels of detail.

*March 2015* **Aero Art Shop** **Burnsville, MN**  
*To* Artist/Fabricator/Welder  
*July 2016*

I was the senior artist and fabricator in the shop. I was responsible for design and development and fabrication of our various artwork. The company specialized in creating high end sculpture and furniture out of reclaimed aircraft components. This presented several challenges considering that there aren't any flat or straight easy to work with components. There are also many exotic alloys to work with such as Titanium, Hastex, Inconel, and many stainless and aluminum alloys. On my first day I started by setting up pallet racking, unloaded over a dozen semi trailers of aircraft parts, and helped set up the shop, and design a product line. I trained in new employees on the basic shop operations, as well as took the lead on daily shop operations from ordering supplies and materials, to working with and contacting outside businesses for their services.

January 2010 **Volt Workforce Solutions - on assignment at 3M** **Maplewood, MN**  
To Lab Technician III at Corporate Research Process Laboratories (CRPL)

March 2015

This position involved the operation of several different types of non-woven equipment, familiarity with many different materials including fibers and extruded resins, meltblown BMF, spunbond, and film. I was responsible for setting up various machinery for experimental trials, making samples and recording conditions. I was experienced and confident operating over a dozen different nonwoven process lines including extruders and various slitting equipment, mixing chemical solutions, quality control sampling and data acquisition. I was also licensed to operate a variety of hoists and fork trucks, and PAPR certified. In this position, I worked with authors and engineers to help achieve their project goals. Often times this meant getting along with many different personalities, and thinking outside the box to find solutions to a number of problems that may arise. During my last year I was promoted to the level of Lab Technician III.

November **Afton Alps Ski Area** **Afton, MN**  
2002 to Chair Lift Attendant / Training Team

January 2005

April 2004 **Wheeler Consolidated** **Maplewood, MN**  
To Yard Attendant / Delivery Driver

November  
2004

June 2001 **Povolny Specialties** **Inver Grove Heights, MN**  
To Welder / Fabricator

March 2002

Proficient using various pieces of equipment (including shears, sheet metal brakes, turret and punch presses, drill presses, horizontal and vertical band saws, and mig welders) to fabricate large outdoor electrical boxes. I was also responsible for installing all of the electrical components.

**Education:**  
2009 **Tennessee Technological University** **Cookeville, TN**  
4 Year BFA Metals GPA: 3.5

The main focus of my study was in blacksmithing and metalsmithing. I also took several classes in fine woodworking. I have taken many workshops at schools across the country. Most of my education in my field involved the use of industrial machinery and hands on learning. Projects were graded on quality of craftsmanship and understanding of the materials and process, along with the design of the piece made.

**Accomplishments:**

- Deans List, 3 years
- Participated in five gallery shows
- Outstanding grades in several craftsmanship-based classes outside of my major.
- Promoted to Laboratory Technician III while a contract employee.
- had several record breaking quarters for the number of run requests processed
- Listed on at least 2 3M patents.

**Skills:**

- Extruding, slitting, carding, needle tacking, calendaring, roll coating, spray coating, through air bonding, making air laid webs with a Rando Webber, as well as working with the CEL machine.
- Welding (MIG & TIG), hot forging steel and non-ferrous metals, heat treating, grinding and polishing operations, machine operations, designing and fabrication of jigs and equipment, and light mechanical work.
- Works well both independently and as part of a team.
- Creative thinker and problem solver; multitasker.
- Communicate with technicians, engineers, and authors to achieve the desired outcome.

**Activities:** I demonstrate Blacksmithing at several different events for a variety of businesses, non profit organizations, and schools, most recently during the past five years for the Arms & Armor booth at the MN Renaissance Festival. I have volunteered as a craftsman at the National Ornamental Metals Museum in Memphis, TN for their annual Repair Days event. I am a member of The Guild of Metalsmiths, and The Artist Blacksmith Association of North America (ABANA).

**Keywords:** Laboratory Technician, Pilot Plant Technician, Engineer Assistant, Nonwoven Processing, Air Laid (Rando), Carding, Web Handling, Polymer Extrusion, Needle Tacking, Slitting, Data Acquisition and Documentation, Microsoft Excel, Surface Conditioning, Licensed Fork Truck Operator, Overhead Hoist Certified, Metal Sculpture, Tig Welding, Mig Welding, Forge Welding, Blacksmithing, Metalsmithing, Bladesmithing, Fabrication, Hot Forging, Damascus, Pattern Welded Steel, Grinding, Polishing, Sculpture, decorative ironwork, Jewelry,