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Stuart Faulkner

Key Skills

Out of the box design skills. Lateral thinker and problem-solving skills.

Communication skills, and the ability to self-motivate. A fast learner, team player.

Work Experience

January 2015 – December 2021

Jasco Electrical Manufacturers

Most of my knowledge and skills were acquired during my time with the above-mentioned factory, where I worked as a toolmaker, making and maintaining productions tools, using a variety of methods and machinery.

My Digital Skills:

- CAD Design from given sketch.
- Ground-up design from physical measurements.
- Modify existing models.
- Using Simulations to analyse and test designs.
- Create engineering drawings.
- Use CAM software to create programs for various CNC Machines.

My Machine Skills: (machines I have experience operating)

- 4 axis CNC Mill.
- Wire EDM CNC.
- Conventional Milling Machine.

- Conventional metal lathe.
- Surface grinder.
- Spark erosion machine.
- Radial arm drilling machine.
- 3d printer.
- Tig welding.
- Arc welding.

My Hand Skills:

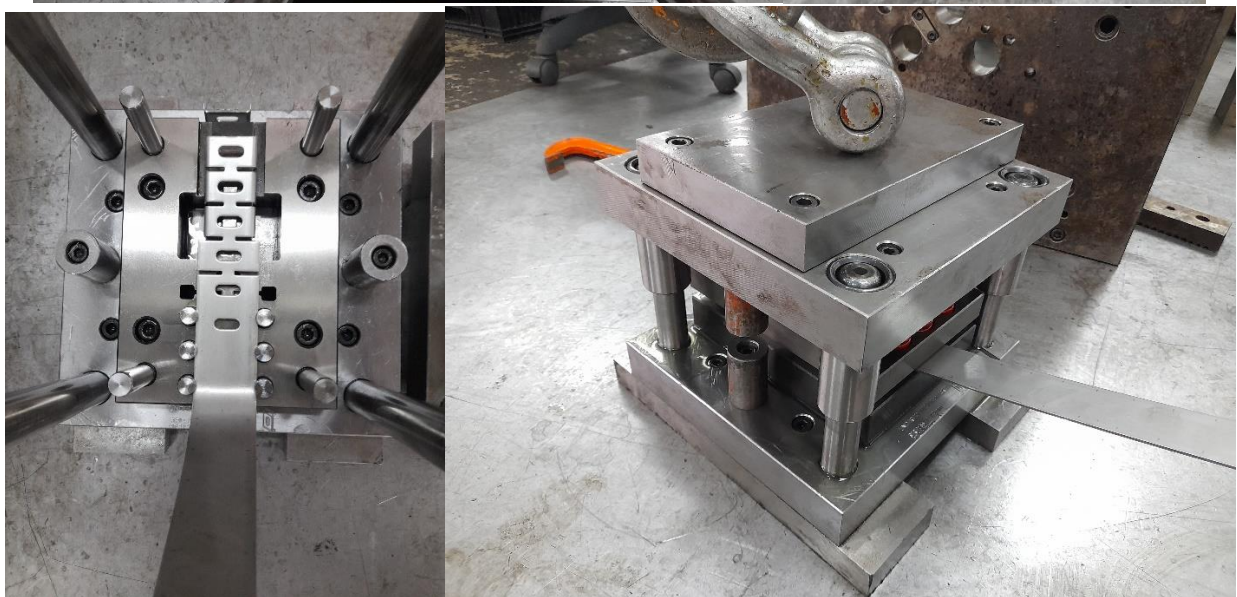
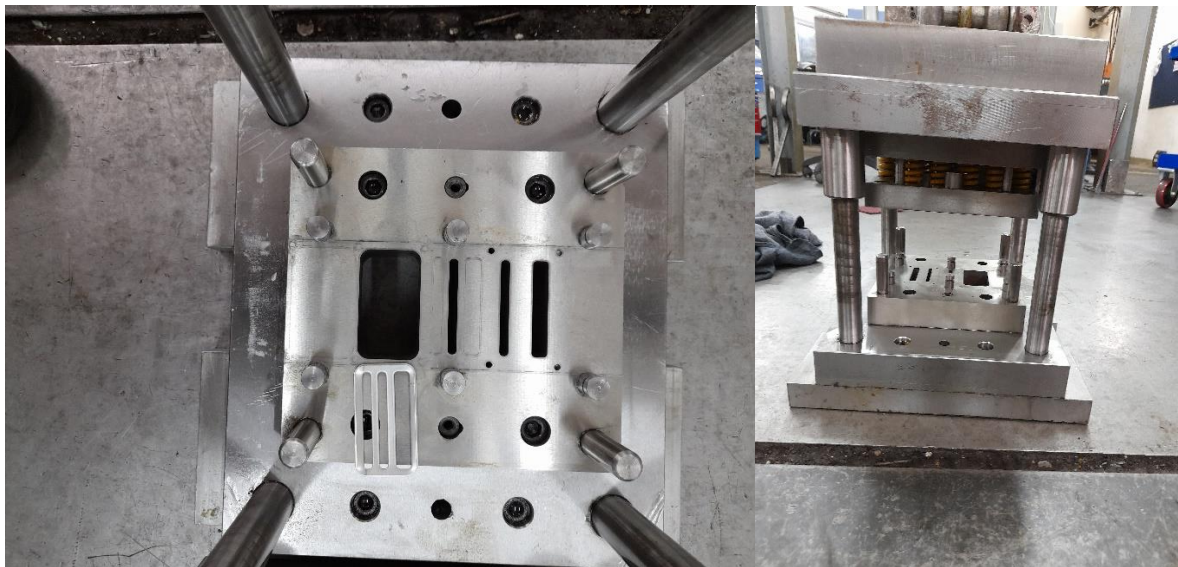
- Making custom-profile cutting tips.
- Can use all manner of hand operated power tools.
- Experience welding damages parts on mould faces and die grinding complex (curved) geometry and polishing back to original form.
- Drill sharpening.

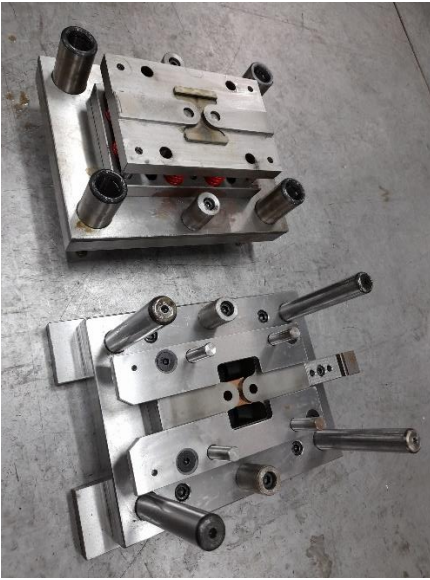
Conclusion

I have acquired the skills to be a proficient designer, machinist and toolmaker. Ultimately, I want to continue my trajectory of knowledge acquisition and skills development to become a master at mechanical design and fabrication. I am interested in any industry that helps me achieve this goal. As a lateral thinker I enjoy new challenges and problem solving opportunities.

A Portion of My Portfolio

Press Tools





Mold Tools

