

Jamal Rivera

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SUMMARY

Dedicated and detail-oriented Tool and Die Maker with over 5 years of experience in precision fabrication, repair, and maintenance. Proven track record of reducing production downtime by 20% through effective troubleshooting and process improvements.

EXPERIENCE

Tool and Die Maker

Jan 2022 - Present

Precision Manufacturing Inc., Chicago, IL

- Reduced production cycle time by 15% by implementing lean manufacturing principles.
- Designed and fabricated over 50 complex dies resulting in a 30% increase in production efficiency.
- Utilized CAD software to create detailed technical drawings, improving accuracy by 25%.

Tool and Die Maker Apprentice

Jun 2018 - Dec 2021

Advanced Tooling Solutions, Chicago, IL

- Assisted in the production of precision dies, enhancing product quality and reducing waste by 10%.
- Collaborated with engineers to troubleshoot tooling issues, achieving a 20% reduction in downtime.
- Mastered the use of CNC machines and manual equipment to exceed production targets.

Machinist

Jul 2016 - May 2018

Titan Engineering Co., Chicago, IL

- Operated CNC mills and lathes to produce high-precision components for automotive parts.
- Reduced material costs by 15% through effective inventory management and waste reduction.
- Trained new hires on tooling safety and machine operation best practices.

EDUCATION

Bachelor of Science in Manufacturing Technology

May 2018

University of Illinois at Chicago, Chicago, IL • GPA: 3.7

SKILLS

Technical Skills: CNC Machining, Tool Design, Precision Measuring, Welding

Tools & Frameworks: SolidWorks, AutoCAD, Milling Machines, Lathes