

AVA DAVIS

Foundry Worker

PROFESSIONAL SUMMARY

Dedicated Foundry Worker with 10 years of experience in metal casting and fabrication. Proven ability to operate machinery, perform quality inspections, and ensure safety standards. Committed to delivering high-quality results in a fast-paced environment.

WORK EXPERIENCE

Foundry Worker III

Pineapple Enterprises

math Dec / 2017-Ongoing

F Santa Monica, CA

- 1. Set up and operated machines for metal casting, ensuring precise patterns and quality output.
- 2. Salvaged damaged castings using ARC and wire feed welding techniques to minimize waste.
- 3. Utilized grinders and chipping hammers to clean defects and ensure high-quality welds.
- 4. Executed tasks related to melting and pouring metal into molds, ensuring proper removal of castings.
- 5. Transported materials within the foundry using carts and conveyors, maintaining workflow efficiency.
- 6. Adapted to various tasks and shifts, demonstrating flexibility in mold making and metal pouring.
- 7. Operated CNC lathes, presses, and grinding machines to produce high-quality components.

Foundry Worker

m Dec / 2014-Dec / 2017

Crescent Moon Design

- **耳** Portland, OR
- 1. Safely operated band saws, grinders, and sanders, including TIG welding for metal fabrication.
- 2. Managed shipping and receiving operations, including forklift use for material handling
- 3. Cut and ground excess aluminum castings, collecting scrap for recycling to reduce waste.
- 4. Poured molten metal into molds, regulating flow to produce consistent ingots and castings.
- 5. Collected metal samples for analysis, ensuring compliance with quality standards.

EDUCATION

Associate of Applied Science in Foundry Technology

Dec / 2011

Dec / 2014

Purdue University

耳 Chicago, IL

Focused on metal casting processes, mold making, and foundry operations.

SKILLS



INTERESTS

Gaming



Film

Technology

STRENGTHS



LANGUAGES







English 80%

PortugueseSwahili 80% 80%

ACHIEVEMENTS

Increased production efficiency by 20% through process improvements.

Reduced scrap rates by 15% by implementing quality control measures.