

JAKE BIXLER

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SUMMARY OF QUALIFICATIONS

- Self motivator who instinctively and consistently creates personal and professional goals and meets them
- Mechanically inclined mindset with high attention to detail
- Strong interpersonal skills & credible relationship building skills
- Experienced in Fusion 360, AutoCAD, and additive manufacturing
- Hands on capable: mechanical assembly, welding, machining

WORK EXPERIENCE

Bixler Mfg. - Owner/Fabricator, San Antonio, TX Dec 2016 -Present

- Automotive metal fabrication: suspension, chassis, safety
- TIG welding, MIG welding
- Custom fabrication with performance and innovation in mind
- Automotive mechanics and repair with upmost quality
- CAD design and 3D printing prototyping
- Designed and built a NHRA specified 10-point roll cage in 3 weeks

Jacob Motors - Co-Owner/Car Dealer, San Antonio, TX Aug 2011-Present

- Previewing 40 vehicles a week for purchasing by determining their value and potential profit margin
- Bid on 20 vehicles per week at wholesale auction with a relative budget in mind
- Prepared purchased vehicles for retail market by organizing the necessary repairs and marketing campaigns
- Foster strong relationship with potential customers
- Manage day-to-day business duties

D&C AC Service - Service Tech, San Antonio, TX May 2014 - 2016

- Diagnosed damage and needed repairs of AC systems
- Made necessary repairs to systems
- Uninstalled faulty AC systems and Installed new AC systems to code
- Provided Customer service throughout the job and afterwards

Millers Automotive - Cylinder Head Tech, San Antonio, TX Feb 2011 - Aug 2011

- Machine and assemble 10 cylinder heads to factory tolerances per week
- General Lathe and Vertical Mill machining

ACTIVITIES

- International Hot Rod Association drag racing competitor
- -Engine Assembly and tuning. Timing control tuning. Rapid problem solving.
- Member of Formula SAE (Society of Automotive Engineers) at UTSA
- Fabrication planning

EDUCATION

The University of Texas at San Antonio
Bachelor of Science in Mechanical Engineering
Expected Graduation: Dec 2020

Relevant course work

- Machine Element Design
- Engineering Thermodynamics I & II
- Engineering Fluid Mechanics
- Reliability and Quality Control

Northwest Vista College, San Antonio, TX
Associate of Science, Concentration in Engineering

Graduated May 2015