

Project Manager | Real Estate Investing and Remodeling

Nashville, TN | Mar 2019 - Present

- Completed high quality projects on time and within budget; increasing resale value by 50%
- Conducted market research and financial analysis to identify profitable properties
- Managed all aspects of the renovation process, including budgeting, & subcontractor coordination.

Research Intern | Fisk University

Nashville, TN | Summer 2023

- Developed and implemented an algorithm to analyze raw data, enhancing data processing capabilities.
- Conducted in-depth research on scintillator crystals and their applications in radiation detection.
- Contributed to the design and construction of a modular electronic radiation detection device.

Full Stack Software Developer | Nashville Software School

Nashville, TN | May 2019 - Nov 2019

- Built browser-based single page applications using React, Javascript, CSS, and HTML
- Utilized Git/GitHub for source code version control and managing with GitHub projects
- Applied JavaScript fundamentals to write dry, modular code and reusable components
- Styled web applications using Bootstrap, Semantic UI, JQuery, and CSS
- Developed web applications using Python and Django, and built API's using Django REST
- Built and interacted with databases using SQL

Owner | Murphy's Motor Works

Nashville, TN | Aug 2013 - Mar 2019

- Consistent year-over-year growth of 50% in shop income and client base through word-of-mouth referrals
- Curated customer relations, Income and expense accounts, managed parts and supplies
- Tuned and reflashed ECMs with eeprom and flash memory; Rebuilt and balanced and Lithium-ion batteries
- Modified shop router with Raspberry Pi and PiHole for ad-free YouTube channel
- Built/Diag'd 12vdc, CAT5/CAT6 network, and 3 phase 220v electrical systems with OE and aftermarket interface
- Acquired an Auto dealers license; bought, listed, and sold vehicles
- Managed employees, accounted for taxes and payroll with Quickbooks

Product design and fabrication, Co-owner | Rook Industries

Nashville, TN | Jan 2012 - June 2013

- Obtained a patent-pending license for a product I designed
- Developed and fabricated chassis bracing products
- Utilized AutoCad and SolidWorks for design
- Promoted business via social media for events and influencers

Machinest/Import Specialist | USA Motor and Machine

Nashville, TN | Jan 2009 - Jan 2012

- Maintained and operated machines including the crankshaft grinder, milling, honing, line boring machines
- Developed their welding and fabrication department, enhancing the overall capabilities of the company.

Skills: Product Design, Project Management, Directive and Emotionally Intelligent Communication, Strategy and Organization, Customer Satisfaction, Electrical Design and Diagnosis, Machine and Technical Troubleshooting, Python, JavaScript, React, Django, HTML, CSS, SQL, Matlab, AutoCAD, SolidWorks, Git/GitHub, Excel, MS Office

Tennessee State University | BS in Mechanical Engineering | GPA:3.8

Jan 2023 - May 2025

Nashville State Community College | AS in Mechanical Engineering | GPA:3.9

Jan 2020 - May 2023

Nashville Software School | Full Stack Software Engineer

2019

Nashville Auto Diesel College | Automotive Repair and Diesel Specialties

2010
