



Blake Nguyen

Automotive Mechanic Trainee

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SUMMARY

Detail-oriented Automotive Mechanic Trainee with a solid foundation in diagnosing and repairing gas and diesel engines. Experienced in performing preventative maintenance, ensuring safety compliance, and enhancing operational efficiency. Collaborated well within cross-functional teams, addressing customer needs effectively while committing to continuous learning in the automotive field. Eager to contribute skills gained through hands-on training, field research, and academic projects to advance career in automotive technology. Opened communication channels with internal departments, strengthening team dynamics and improving service delivery.

EDUCATION

Associate of Applied Science in Automotive Technology

Northern Virginia Community College 🎓 GPA: 3.8 📅 2026 📍 Fairfax, VA

Coursework: Automotive Systems, Safety Regulations, Diesel Mechanics, Engine Performance

TECHNICAL SKILLS

- **Diagnostic Tools:** OBD-II Scanner, Multimeter, Oscilloscope
- **Repair Software:** Alldata Repair, Identifix, Mitchell OnDemand
- **Maintenance Scheduling:** Fleet Management Software, Excel Spreadsheets, Vendor Management Systems
- **Mechanic Hand Tools:** Wrenches, Sockets, Screwdrivers
- **Safety Equipment:** Eye Protection, Gloves, Respirators
- **Lubrication Tools:** Grease Guns, Oil Filters, Fluid Funnels
- **Fluid Change Materials:** Motor Oil, Coolants, Brake Fluids
- **Analyzing Technologies:** Technician Software, Vehicle Dashboards, Diagnostic Apps
- **Testing Tools:** Compression Tester, Battery Tester, Gas Analyzer
- **Vehicle Components Knowledge:** Brake Systems, Fuel Systems, Exhaust Systems

EXPERIENCE

Automotive Mechanic Intern

University Project 📅 January 2025 - August 2026 📍 Fairfax, VA

Participated in an intensive automotive internship focused on diagnostics and repairs for light-duty vehicles. Engaged with instructors and peers to learn repair techniques, troubleshoot issues, and conduct routine maintenance.

- Collaborated with a team to diagnose and repair various light-duty vehicles as part of an academic automotive project.
- Conducted preventative maintenance including oil changes and brake inspections to ensure vehicle reliability.
- Assisted in troubleshooting systems like diesel engines and hydraulic units, enhancing overall performance.
- Utilized diagnostic tools and software for analyzing vehicle issues, improving response times significantly.
- Documented repair processes and maintenance schedules for compliance with industry standards.
- Engaged energetically in hands-on training, sharpening skills in engine repair and systems maintenance.

Mechanical Systems Research Assistant

Academic Research 📅 September 2024 - December 2024 📍 Fairfax, VA

STRENGTHS

- 🔧 **Problem Solver**
Mastered complex diagnostics, swiftly identified problems that enhanced vehicle service quality.
- 👥 **Team Player**
Fostered collaboration among peers, becoming popular for problem-solving advice and discussions.
- 🔧 **Hands-On Technician**
Experiencing actual repairs led to confidence in executing various maintenance tasks methodically.
- 🛡️ **Safety Advocate**
Prioritized safety procedures rigorously, influencing peers to maintain high safety standards across projects.
- 📖 **Continuous Learner**
Embraced ongoing education by participating in workshops that sharpened technical insights significantly.

SKILLS

Automotive diagnostics

Preventative maintenance

Diesel engine repair

Hydraulic systems

Safety compliance

Team collaboration

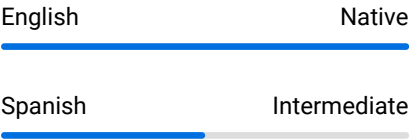
Customer engagement

Technical documentation

Process optimization

- Equipment troubleshooting
 - Fluid analysis
 - Electrical components
 - Transmission repairs
- Engine performance testing
- Regulatory adherence

LANGUAGES



MY CAREER



- Automotive Mechanic Intern at University Project (1.6 Years)
- Mechanical Systems Research Assistant at Academic Research (3 Months)

Supported mechanical systems research, focusing on engine efficiency and emission reduction technologies. Gained exposure to practical engineering tasks connected to automotive mechanics.

- Contributed to tests on combustion engines, documented results, and presented findings succinctly.
- Assisted in assembling and disassembling engine prototypes to deepen technical understanding.
- Partnered with faculty to produce research papers on innovative approaches to automotive challenges.
- Strengthened knowledge of safety protocols while engaged in laboratory work.
- Enhanced diagnostic capabilities through experimental evaluations and teamwork experiences.
- Fostered dialogue with peers to discuss collaboration strategies in research contexts.

LEADERSHIP & AWARDS

- Dean's List, Northern Virginia Community College (2025)
- First Place, University Automotive Competition (2025)

CERTIFICATIONS

- Automotive Service Excellence (ASE) Certification 📅 2026
- Basic Automotive Maintenance Certification 📅 2025

PROFESSIONAL AFFILIATIONS

- Member, Automotive Enthusiasts Club, Northern Virginia Community College (2024 – Present)
- Volunteer, Local Community Car Maintenance Workshops (2025)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST