

# 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

### SKILLS

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|----------------------------|---------------------------|-----------------------------|------------------------------|
| • Automotive diagnostics   | • Safety compliance       | • Process optimization      | • Transmission repairs       |
| • Preventative maintenance | • Team collaboration      | • Equipment troubleshooting | • Engine performance testing |
| • Diesel engine repair     | • Customer engagement     | • Fluid analysis            | • Regulatory adherence       |
| • Hydraulic systems        | • Technical documentation | • Electrical components     |                              |

### 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

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**

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

**CERTIFICATIONS**

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

**PROFESSIONAL AFFILIATIONS**

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

**LANGUAGES**

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- English (Native)
- Spanish (Intermediate)

**ADDITIONAL INFORMATION**

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

**REFERENCES**

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AVAILABLE ON REQUEST