

Chase Harvey

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EDUCATION

Texas A&M University

Bachelor of Science, Petroleum Engineering

GPA: 3.0/4.0

Major GPA 3.4/4.0

College Station, TX

May 2027

EXPERIENCE

Chemical Technician, Operations Lead

Drew's Car Wash

College Station, TX

Jan 2022 – Present

- Managed chemical inventory, usage forecasting, and cost controls across 7 sites with monthly KPI tracking
- Led build & commissioning of 3 new facilities, overseeing setup, control systems programming, and operational testing
- Reduced chemical cost-per-car 21% across 7 sites through chemical and order optimization resulting in a savings of \$105K annually
- Cut downtime 54% with preventive maintenance & rapid repairs
- Designed and optimized high- and low-pressure fluid systems using applied fluid mechanics to maximize flow efficiency
- Provided paid technical consulting to several Texas car wash operators
- Applied engineering judgment to troubleshoot pumps, sensors, PLC-controlled systems, and dosing equipment under live operating conditions
- Train and supervise team of 86 technicians across multiple sites

Customer Service Associate

Rich's Car Wash

Houston, TX

May 2020 – Dec 2021

- Supported daily operations in a high-volume car wash serving 500–900 vehicles/day
- Performed equipment checks and opening/closing procedures to ensure safe, reliable operations

LEADERSHIP & INVOLVEMENT

TAMU-SPE

Career Development Committee Member

College Station, TX

Oct 2025 – Present

- Co-facilitated Petroleum Economics in Excel workshop for 30+ TAMU-SPE members, providing real-time troubleshooting and one-on-one coaching on economic models, production and economic calculations, and Excel functions

Southwest Carwash Association (SCWA)

Member

Austin, TX

Sep 2024 – Present

- Winner of the 30-Under-30 award (2025) recognized for having the lowest cost-per-car in Texas, methods of chemical inventory, and financial chemical accounting methods
- Negotiated revised agreement with vendor to provide chemical at reduced cost resulting in savings of \$15K annually

SKILLS, ACTIVITIES & INTERESTS

Petroleum Skills: Techlog (SLB), CoVis, CMG, nodal analysis, decline curve analysis, rate transient analysis, pressure transient analysis, petroleum economics, formation evaluation, multiphase flow

Technical Skills: Python, Excel/VBA, PLC basics, high/low-pressure hydraulic & pneumatic systems, 24VDC–480VAC electrical troubleshooting, chemical mixing & handling, preventive maintenance



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