Johnny James

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EDUCATION

Texas A&M University — **College Station, Texas**
Bachelor of Science in Petroleum Engineering — *December 2026*
Cumulative GPA: 3.2/4.0

PROFESSIONAL EXPERIENCE

Ovintiv — **Denver, Colorado**
Development/Reservoir Engineer Intern — *May 2026 – August 2026*

- Developed a long-range plan for undeveloped acreage generating $66MM in incremental asset value
- Proposed a multi-year development strategy for ~160 net 10k sticks across a large acreage position in the Permian Basin
- Evaluated analog well performance and geologic risk to support a 5-well delineation pad
- Performed type curve generation, production forecasting, and lateral length sensitivity analysis to improve economics
- Integrated geology, completions, land, depletion analysis, and economics into an actionable development plan
- Influenced a pad proposal strategy through spacing optimization, development sequencing, and efficiency improvements

Midland, Texas
Production Engineer Intern — *May 2025 – August 2025*

- Created data-driven rod pump conversion guidelines based on wellbore deviation, adding $2MM/year in cash flow
- Reduced workover expenses (LOE) by $1MM annually by mitigating hole-in-tubing failures in horizontal rod pump wells
- Designed a Spotfire dashboard tracking well characteristics for ~500 wells in the Permian Basin
- Lowered downtime barrels by 15,000+ annually through strategic installation of tubing rotators on candidate wells
- Analyzed corrosion and well deviation as key contributors to hole-in-tubing failures in horizontal rod pump wells
- Partnered with production and workover teams to decrease downtime and extend runtime in horizontal rod pump wells

Good Bull Power Washing — **Houston, Texas**
Co-owner — *May 2022 - August 2024*

- Founded and established a profitable power washing company, leveraging entrepreneurial skills and industry expertise
- Created social media advertisements and employed a word-of-mouth ad campaign that succeeded in 3 neighborhoods
- Collaborated with my business partner to generate over $3,000+ by pressure washing homes, fences, and driveways
- Maintained high quality customer reviews as a result of working quickly and emphasizing the customer's needs

LEADERSHIP & INVOLVEMENT

Society of Petroleum Engineers — **College Station, Texas**
Tailgating Co-director — *May 2025 – May 2026*

- Organizing tailgating sponsorships, bringing $2,000 in funding for each home football game during the season
- Communicating with other members to design, set up, and tear down the tailgating equipment for each sporting event
- Executing a timely event schedule, ensuring that food and activities are accounted for throughout the entirety of the game
- Leading committee members during implementation phase of the event while exercising decentralized command
- Networking with industry experts to further grow my soft skills and domain knowledge of the oil and gas industry

Engineers Without Borders — **College Station, Texas**
Development Team — *January 2024 – January 2025*

- Coordinating with engineering teams assigned to Rwanda, Dominican Republic, and College Station to ensure that adequate building and safety equipment is provided for design implementation periods
- Raising $10,000+ for projects through organized banquets and events which initiate grants and donations
- Inspiring growth through professional development of members by organizing networking events with professionals

Aggie Data Science Club — **College Station, Texas**
Financial Markets Team Member — *January 2025 - Present*

- Developed Random Forest machine learning model yielding 56% accuracy, day trading the S&P 500
- Contributed to developing a working day trading strategy through the use of the yfinance Python library
- Leveraged Python to develop trading indicators that enhanced the accuracy of the machine learning model

SKILLS & INTERESTS

Skills: Python, Spotfire, WellView, prompt engineering, data handling, HTML, CSS, Visual Studio. Experience in developing and deploying web applications using Numpy, Pandas, Matplotlib
Interests: Personal finances, macro economics, disc golf, formula one, running, lifting, coding