MASON WILSON
Reservoir Engineer

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👤 PROFESSIONAL SUMMARY

Reservoir Engineer with a decade of expertise in optimizing oil recovery through advanced reservoir modeling, simulation, and economic evaluations. Demonstrated success in leading multidisciplinary teams to enhance reservoir performance and drive strategic initiatives. Committed to leveraging analytical skills and innovative solutions for effective reservoir management and sustainable production.
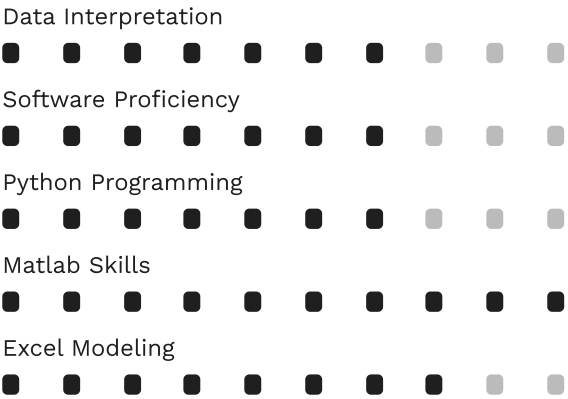
💻 WORK EXPERIENCE

Reservoir Engineer
Maple Leaf Consulting

📅 Feb / 2018-Ongoing
📍 Toronto, ON

1. Managed and optimized waterflood operations, adjusting injection rates based on tracer program results to enhance recovery.
2. Collaborated with drilling and completions teams for the successful implementation of new drilling initiatives.
3. Served as Project Leader for an integrated asset team tasked with evaluating infill drilling potential in a mature oil field.
4. Developed a comprehensive field redevelopment plan following a thorough review of existing reservoir engineering practices.
5. Conducted economic assessments for pilot projects, securing internal approval and creating preliminary economic models.
6. Evaluated existing wells for potential divestiture, leading to the successful divestment of eight non-performing assets.
7. Led the design and optimization of reservoir studies, including 3D modeling and reserves evaluations for water injection projects.

Reservoir Engineer
Crescent Moon Design

📅 Feb / 2015-Feb / 2018
📍 Portland, OR

1. Acted as District Reservoir Engineer for the CO2 Flood EOR Project, achieving top performance metrics in the company.
2. Performed detailed economic analyses to evaluate potential acquisitions and enhance asset value planning.
3. Conducted surveillance and optimization activities for conventional properties and CO2 flood projects, improving operational efficiencies.
4. Collaborated with management in the calculation and presentation of reserves data for budgeting and reporting purposes.
5. Served as the primary liaison with multinational partners on a WAG Optimization Software Project, developing initial reservoir models.
6. Represented the company in the Southwest Carbon Sequestration Partnership, providing essential data and analysis for project success.

💡 SKILLS

Data Interpretation
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Software Proficiency
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Python Programming
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Matlab Skills
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Excel Modeling
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✈ INTERESTS

🎤 Podcasts   🌐 Language Learning
🎵 Dancing   🚴 Cycling

✊ STRENGTHS

🪄 Intuition   👥 Leadership
🎧 Listening   👥 Mentorship

🔤 LANGUAGES

English   Japanese   Dutch

⭐ ACHIEVEMENTS

⭐ Successfully improved oil recovery by 15% through optimized waterflood management strategies.

⭐ Led a project team to develop a comprehensive field redevelopment plan, resulting in a 20% increase in production.