Ashley Mathews

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EMPLOYMENT EXPERIENCE

Lead Sonographer   2023 - 2025
University Health Network - Toronto, ON, Canada

- Led cross-functional teams of sonographers across 3 major hospitals (Princess Margaret, Toronto General, and Toronto Western) to ensure optimal staffing for critical, time-sensitive, and life-saving diagnostic procedures.
- Boosted appointment capacity by 12% by leveraging data analytics (linear regression) to identify key operational drivers; presented actionable insights to senior management, resulting in policy adoption.
- Increased patient throughput by 6% across three major hospitals by conducting time-series analysis of workflow patterns, identifying bottlenecks, and driving process improvements adopted at the organizational level.
- Enhanced staff retention by 50% through stakeholder collaboration to develop targeted onboarding and training programs, reducing turnover and ensuring operational continuity.

Sonographer   2021 - 2023
University Health Network - Toronto, ON, Canada

- Increased client satisfaction scores by 10% by conducting data-driven analysis of patient feedback and departmental KPIs, aligning workflows across 12+ departments for improved service delivery.
- Eliminated 60-minute client wait times and increased daily appointment volume by redesigning and optimizing scheduling processes, driving operational efficiency.
- Reduced documentation errors by 25% through development and implementation of targeted EPIC training programs, leveraging utilization data to address staff needs and enhance compliance.

Sonography Intern   2020 - 2020
Humber River Hospital - Toronto, ON, Canada

- Increased equipment utilization by 30% through compliance-focused training.
- Contributed to departmental accreditation through documentation & quality, achieving compliance with ISO standards.

Cell Biology Laboratory Teaching Assistant   2014 - 2015
University of Waterloo - Waterloo, ON, Canada

- Designed and facilitated weekly laboratory sessions, managing and grading 250+ assessments per term.
- Implemented instructional strategies that improved student performance by 15%.

VOLUNTEER WORK

Ultrasound Student Advisor & Program Representative   2018 - 2020
St Clair College - Windsor, ON, Canada

- Increased student participation 20% by collaborating with faculty and student services to deliver engaging workshops and programs.

EDUCATION

MBA Candidate   2027
Rotman School of Management, University of Toronto - Toronto, ON, Canada

- Awarded a $25,000 Entrance Scholarship.
- Participated in the Rotman Case Competition.

Diagnostic Medical Sonography Advanced Diploma   2021
St Clair College - Windsor, ON, Canada

- Graduated with Academic Distinction.

Bachelor of Science, Honors Biomedical Sciences, Psychology Minor   2017
University of Waterloo - Waterloo, ON, Canada

ADDITIONAL ACHIEVEMENTS

- Joint Department of Medical Imaging (JDMI) Equipping the Future Scholarship, 2024
- Recipient of the Sonography Symposium Presentation Award, 2019

TECHNICAL SKILLS

Languages and Tools: SQL, Power BI, CORAL, Meditech, Velox, PACS, EPIC, EPR
Medical Tech Machines: Toshiba, Canon, Philips, Samsung, GE, Siemens