

Ramzy Ganady

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Operations leader with 8+ years running applied research and advanced manufacturing environments. Lead rotating teams of 10–15 and deliver multi-stakeholder projects while improving reliability and visibility through ERP/CRM workflows, CMMS/SOP systems, and process automation that increases uptime and throughput.

CORE COMPETENCIES

- Operations Leadership
- Project / Program Delivery
- Budgeting & Resource Planning
- Lab & Equipment Operations
- Health & Safety / Compliance
- SOP Systems & Training
- ERP/CRM/CMMS Implementations
- Workflow Automation (Power Automate)
- Stakeholder & Industry Partner Management

WORK EXPERIENCE

Congestoga College

Operations Supervisor - SMART Centre

Cambridge, ON • 01/2024 - Present

- Own resourcing and budgets for projects up to \$150K+, supporting forecasting, purchasing, and delivery governance.
- Lead a rotating team of 10–15 students and researchers to deliver 3+ applied research projects/term, maintaining schedule, scope, and stakeholder expectations.
- Run day-to-day lab operations across the SMART Centre, balancing equipment uptime, scheduling, and safety compliance across concurrent projects.
- Standardize onboarding and execution through SOPs and training routines, improving consistency for rotating cohorts and reducing supervisory overhead.
- Automate recurring admin and operations workflows using Microsoft Power Automate, reducing manual follow-ups and accelerating internal turnaround time.
- Provide hands-on technical support for installation, operation, and troubleshooting of advanced equipment (robotics, sensors, industrial automation), supporting reliability and throughput.

Sheridan College

Research Technologist - Centre for Advanced Manufacturing and Design Technologies

Brampton, ON •
04/2020 - 01/2024

- Supported delivery of 15+ applied research projects across robotics, CAD, 3D printing, fabrication, CNC machining, waterjet cutting, and PLC programming.
- Implemented a predictive/preventive maintenance approach that cut equipment breakdowns 50%+, improving uptime and lab throughput.
- Ran client discovery meetings to scope needs, confirm feasibility, and align available equipment/expertise to project requirements.
- Managed daily lab execution and student tasking to maintain safe, efficient operations and consistent outputs.
- Contributed to project planning and budgeting by estimating labor/material needs, identifying special equipment requirements, and maintaining accurate project activity records.

Research Assistant - Centre for Advanced Manufacturing and Design Technologies

Brampton, ON •
01/2018 - 04/2020

- Supported lab operations by troubleshooting and repairing lab equipment.
- Surveyed the current inventory control software and assisted in the implementation of a new software package.
- Managed high-traffic lab sessions (avg. 30 students/day) with a focus on safety, compliance, and consistent execution.
- Produced mechanical and electrical drawings using AutoCAD, SolidWorks, and CATIA.

University of Toronto

Applied Research Assistant - Department of Biological Sciences •
Contractor

Scarborough, ON •
05/2019 - 08/2019

- Supported applied research automation work, contributing to G-code/PLC programming for a robotic gantry system and resolving mechanical/electrical issues with clear documentation.

SELECTED OPERATIONAL INITIATIVES

CMMS Implementation (MaintainX)

Sheridan College + Conestoga College

Implemented MaintainX end-to-end as a CMMS across two applied research environments, building the asset registry, parts tracking, preventive maintenance schedules, work orders, and centralized SOPs. Standardized maintenance execution and improved visibility into asset health/history, reducing reliance on tribal knowledge and supporting higher equipment uptime through repeatable routines.

Student Onboarding System (ThingLink Immersive Tour)

Conestoga College - SMART Centre

Created a self-guided onboarding experience using ThingLink to scale consistent training for rotating student cohorts at the SMART Centre. Built an immersive lab tour with interactive hotspots and SOP links to reduce repetitive walkthroughs, accelerate ramp-up, and maintain consistent operational and safety expectations.

Operations Workflow Automation (Microsoft Power Automate)

Conestoga College - SMART Centre

Automated recurring admin and coordination tasks using Microsoft Power Automate to remove monotonous work and speed up turnaround. Standardized intake, approvals, routing, reminders, and status updates to reduce manual follow-ups, improve request consistency, and free capacity for higher-value operational work.

EDUCATION

Electromechanical Engineering Technology Advanced Diploma

Sheridan College

Brampton

CERTIFICATIONS

Joint Health & Safety Committee Certification

OSG

10/2024

Certified Engineering Technologist (CET)

Ontario Association of Certified Engineering Technicians and Technologists (OACETT)

12/2022

CPR/AED/First Aid

St. John Ambulance Canada

01/2025 - 01/2028

Transportation of Dangerous Goods Training

Worksite Safety

02/2024 - 02/2027