

Edwina Arthur

+1 5149109181, +33 781408412 • edwinaarthur@gmail.com

A results-oriented Aerospace Engineer with experience in Project Management and proven ability to meet deadlines. Enthusiastic leader with a strong work ethic, problem-solving skills, and innovative solutions to new challenges. Fluent in English and French.

WORK EXPERIENCE

MDA Space Component Engineer

01/2023 – Present

- Provided advice to design engineers regarding component selection.
- Acted as technical interface and coordinator with suppliers to resolve component quality issues.
- Approved purchase orders for related component quality clauses ensuring compliance with industry standards.
- Maintained an accurate and up-to-date database of EEE items to reduce inventory discrepancies and ensure smooth production operations.
- Reviewed documentation for incoming components.
- Produced internal Statements of Compliance by reviewing customer requirements and specifications.

Pratt & Whitney Canada System Safety And Reliability Engineer

09/2019 – 12/2022

- Led cross-functional efforts with airframers, aviation authorities, and internal stakeholders to define safety requirements to ensure compliance with industry standards.
- Conducted systems safety and technical analyses for engine certification, leading to successful certification and reduced time-to-market for new products.
- Contributed to IPTs for engine design.

Project Engineer

- Led engineering tasks for multiple engine programs to successful project delivery.
- Managed engine design, certification, and manufacturing follow-up.
- Collaborated with suppliers to implement quality control measures.

Supplier Quality Assurance

- Enhanced operational efficiency through the optimization of Supplier Quality Assurance (SQA) practices, leading to reduced production downtime and cost savings.
- Implemented 1-on-1 support for quality assurance software for supplier compliance with quality standards to reduce production downtime.

VOLUNTEERING & LEADERSHIP

Women in Engineering (WIE)

Association within Concordia University that aims to provide female engineering and computer

science students with academic, social and professional support along their educational path.

Lunch and Learn: Conferences relating to diversity and inclusion in the engineering workforce.

Power Networking: 1-on-1 networking events with representatives from various STEM companies.

Wine & Cheese: Networking events to introduce freshmen to Women in Engineering.

Concordia Institute of Design and Innovation (CIADI)

Platform that promotes and supports excellence in aerospace research and education at Concordia.

Sustainable aviation seminar: Addressed the topic of sustainability in aerospace, tackling the challenge of ensuring a cleaner, smarter future for the industry.

Aeroportail - Vitrines 2022: Presented career, employment, internship and training opportunities within the aerospace sector Mentorship program.

SKILLS

- Agile
- Budgeting
- Communication
- Data Analysis
- Meeting Facilitation
- Performance Tracking
- Product Lifecycle Management
- Project Management
- Quality Assurance
- Risk Management
- Scheduling
- Solution Development
- Stakeholder Management
- Strategic Planning
- Team Management
- Technical Writing

Software

- Asana
- CATIA, Solidworks
- Confluence
- ENOVIA SmarTeam
- JIRA
- Microsoft Office
- SharePoint
- Trello