

SUMMARY

My name is Rodolfo Cota Borbon, and I am currently studying Artificial Intelligence (software engineering) full-time at Centennial College. I have a background in Industrial and Systems Engineering from the Institute of Technology of Sonora, the most prestigious university in my province. I have experience as a Quality Engineer intern at Cellulose and Corrugated of Sonora and have published a book called Rudolph Methodology based on a strong Root Cause Analysis tool to solve problems in Engineering. As far as the Canadian experience is concerned, I joined an Occupation Specific Language Training Program at Humber College in the winter of 2022. My strong soft skills include being a team player, working well under pressure and with tight deadlines, and having excellent leadership, troubleshooting, organizational, and communication skills. I am eager to apply my skills and knowledge to a co-op position in a company where I can grow and reap great success.

SKILLS

- Team player
- Flexibility
- Leadership
- Organized
- challenging player
- Communication skills
- Problem-solving
- Work under pressure
- Ability to meet tight deadlines

EXPERIENCE

2014-Jan TO
2014 Jun

QUALITY ASSURANCE ENGINEER INTERN

Cellulose and corrugated of Sonora – Navojoa, Mexico

- Developed a Root Cause Analysis project in the Corrugated process
- Developed a thesis called: Application of root cause analysis to a non-conformity
- Collected and analyzed defects data using *Statistical Process Control* charts in Minitab
- Upgraded and developed a new control plan for the corrugated process
- Provided training regarding the new control plan
- Reduced the quality defects with huge impact from \$34,000.00 CAD monthly to \$11,000.00 CAD monthly which means a 32.35%, through the Root Cause Analysis project

2014-Aug TO
2016 Nov

JR. QUALITY ENGINEER

Chamberlain Group – Nogales, Mexico

- Upgraded the control plan for each production process.
- Organized meetings with stakeholders related to Critical to Quality Tree, KPIs, Statistical Process Control charts, new products, and Quality System Management
- Managing and control of master drawings
- Managed projects and setting up test equipment for new products.
- Reduced reworks on items by quality defects related to missing powder coating and poor soldering from \$9,300 CAD monthly to \$5,800 CAD monthly, through the Lean Six Sigma.

2016 Nov TO
2018 Oct

QUALITY AUDITOR

Amphenol Optimize Mexico – Nogales, Mexico

- Tested new products according to IPC-620-A
- Performed height tests and pull tests to electrical harness according to IPC-620-A
- Audited finished product according to Master Drawing specifications.
- Collaborated with a quality team to solve problems through Root Cause Analysis
- Audit fixtures design and carry out lab testing.
- Provide quality reports from processes, finished goods, lab test and training.
- Develop Statistical Process Control charts for finished goods audits daily.

EDUCATION AND COURSES

- ARTIFICIAL INTELLIGENCE-SOFTWARE ENGINEERING – Advanced Diploma – (Centennial College, Scarborough, 2022-current)
- INDUSTRIAL AND SYSTEMS ENGINEER - Degree - (Technological Institute of Sonora, Mex, 2010-2014)
- ISO 19011:2011 - Certificate - (Technological Institute of Sonora, Mex, 2014)
- HARVARD MANAGE MENTOR - Diploma (Harvard Business Publishing, Online, (2012-2013)
- OCCUPATION-SPECIFIC LANGUAGE TRAINING TECHNOLOGY – Certificate – (Humber College, Toronto, 2022)

AWARDS AND PUBLICATIONS

- Mention for Academic Performance
- Rudolph Methodology – Spanish edition – by Rodolfo Cota Borbon