

Alejandra Paola Ramírez González

SUMMARY

I'm a highly motivated, self-directed, responsible and hard-working person. I have a strong set of core values. I am an excellent problem solver either individually or as a team combined with a strong analytical sense. I am looking for a role where I can apply these skills both professionally and humanly.

SKILLS

Transferable skills: Problem solving | critical thinking | teamwork | flexibility | people and time management | goal setting

Technical skills: Coding | AutoCAD | Minitab | Excel Macros | Core Tools

WORK EXPERIENCE

Outlier - LLM Trainer Freelance 11/2024 -

- Provide feedback for AI solutions to math high school problems

BOYD Corporation - PRDE Quote Jr. 05/2022 - 12/2022

- Quote new production projects.
 - Yield calculation
 - Routing design
- Create/Update BOM and BOP.

BOYD Corporation - Engineering Process Technician. 08/2021 - 05/2022

Project transfert from Atlanta, GA to Juarez, MX

- Design plant layout.
- Review work instructions.
- Made operation instructions and set-up instructions (visual aids).
- Solve process problems through Lean Manufacturing Tools.
- Be involved in FMEA/Flow Chart creation.
- Train operators for pilot run.
- Provide a solution for quality non conformances.

Pegatron México - Production Management Assistant. 11/2020 - 08/2021

- Actualice training expedients for operators.
- Made a daily production report.
- Made a weekly production report for customer presentation.
- Audit 5S.

EDUCATION

Universidad Abierta y a Distancia de México (UnADM) 01/2025-

Candidate for Bachelor's Degree in Software Engineering

Instituto Superior de Ciencias de Ciudad Juárez (ISCCJ). 05/202 - 12/2022

Candidate for Bachelor's Degree in Industrial Engineering.

University of Waterloo. 07/2016 - 12/2016

Candidate for Bachelor's Degree in Computer Engineering.

TEACHING EXPERIENCE

Content creator - Brilliant.org 12/2014-07/2016

- Design math problems that require cleverness to be solved.
- Write articles about different math topics.
- Help students to understand solutions of other colleagues.
- Engage students to get five stars in each level.

Achievements: My problems and solutions were on the "most views" list in 2015 and 2016.

Math Trainer - ONMAS Chihuahua 10/2012 - 04/2016

- Teach selected topics for math olympiads (number theory, combinatorics, algebra and

geometry).

- Design learning and assessment material for courses.
- Coordinate academically math olympiads.

Achievements: In 2015, I was selected to be part of the design team at the National Math Olympiad that was held in Mexicali. As well as being coordinator in Juarez during my last year in the project.

COURSES

- **Aspire Leaders Program**, Aspire Institute, March 2025.
- **Python for Data Science, AI & Development**, IBM, June 2022, ID: XENVKL7BMB3X.
- **Excel Basics for Data Analysis**, IBM, May 2022, ID: QFK5S929SLS5.
- **CORE TOOLS**, Consulting SPC, May 2022.
- **PFMEA Análisis de Modo Falla y Efecto**, TECMA, April 2022.
- **Operación y Mantenimiento Seguro de Maquinaria, Equipo y Uso de Herramientas**, TECMA, April 2022.

AWARDS

- **University of Waterloo President's Scholarship**, University of Waterloo, Ontario, March 2016.
- **Brilliant.org Waterloo Engineering Undergraduate Scholarship**, Waterloo ON, March 2015.

SOFTWARE

- **Microsoft Office:** Word, Power Point, Access, Excel (Advanced).
- **Programming Languages:** Java, Python.
- **Industrial Design:** AutoCAD, SolidWorks.
- **Statistics:** Minitab.

LANGUAGES

- Spanish (Native Proficiency).
- English (C1).
[EF SET Certificate \(August 2024\).](#)