ÁNGEL ALBERTO GONZÁLEZ FLORES

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EXPERIENCE

Data Entry; Assistant, TERNIUM MX   June 2021 — June 2022

Recording and control of tooling equipment, machines, parts, spare parts and instruments used in the general process machinery of the industrial plant.

- Implemented system to record and control equipment, machinery, and parts.
- Successfully managed machinery data for smooth operation.
- Streamlined recomposition material organization for efficiency.
- Contributed to overall machinery efficiency through critical control and organization.

Technologies: Advanced Excel, Microsoft Office 365, Cambria Software

EDUCATION

UANL, Facultad de Ciencias Físico-Matemáticas, Bachelor's degree in Actuary,   2022 — 2027

- Statistical Analysis: Mastery of statistical concepts and techniques, including probability, regression analysis, hypothesis testing, and time series analysis.
- Data Manipulation: Proficiency in handling and cleaning large datasets.
- Data Visualization: Ability to create compelling and insightful data visualizations to communicate complex information effectively.
- Risk Analysis: Knowledge of risk assessment and management principles, relevant to actuarial practice.

Escuela Técnica Roberto Rocca MÉXICO, Mechatronics Technician Degree,   2019 — 2022

- 9.1/10 Final grade.
- Mechanical Skills: Proficiency in working with mechanical systems.
- Electrical Skills: Knowledge of electrical circuits.
- Electronics: Understanding of electronic components, circuits, and systems, including soldering and PCB (Printed Circuit Board) design.
- Automation: Familiarity with automated systems and programmable logic controllers (PLCs). -Computer-Aided Design (CAD): Proficiency in using CAD software.

ADITIONAL CERTIFICATIONS

Udemy, Microsoft Excel - Excel from Begginer to Advanced by Kyle Pew & Office Newb

- Proficient in Microsoft Excel, mastering both beginner and advanced functionalities.
- Strong foundation in Excel basics and common functions used in the workplace.
- Skilled in automating tasks through Macros and VBA, optimizing day-to-day productivity.
- Expertise in handling large datasets, creating dynamic reports, and utilizing advanced formulas

Udemy, Microsoft Excel - Data Analysis with Excel Pivot Tables by Maven Analytics & Chris Dutton

- Transformed data analysis skills to a professional level by mastering Excel Pivot Tables.
- Utilized Pivot Tables and Pivot Charts to revolutionize Excel workflow, ensuring efficiency and productivity.
- Acquired proficiency in Pivot Table tools, and case studies.
- Applied knowledge through engaging, real-world case studies.

PROJECTS

Personal Portfolio Webpage

I have developed a webpage that showcases my accomplishments. Creating an engaging and interactive user experience. The webpage serves as a reflection of my proficiency in web development and design.

- HTML5: Utilized HTML5 to structure the content, ensuring accessibility and SEO-friendliness.
- CSS and Sass: Styled the webpage with CSS and streamlined the process using Sass.
- jQuery: Added dynamic and interactive elements using jQuery for an enhanced user experience.
- Hammer.js: Integrated Hammer.js for touch and gesture support, making the webpage mobile-friendly.

Ther-Ex Leg/Arm

Development of a prosthesis-type tool aimed at facilitating mechanical rehabilitation for patients with limb impairments, exerting controlled movements to aid patients in their recovery process.

- Arduino programming for hardware development.
- Electronic prototyping for creating functional devices.
- Mechanical design for constructing the prosthesis-type tool.
- Problem-solving and adaptability to meet diverse patient needs.
- Collaboration and attention to safety for medical technology projects.

Anthropomorphic Robot Arm

Development and creation of a user-friendly programmable interface for controlling an anthropomorphic robot, designed to operate in educational environments.

- Python programming for user interface development.
- Arduino integration for hardware control.
- GUI design for an intuitive user experience.
- Robotics and automation knowledge for versatile robot movements.
- Educational technology application for enhancing learning experiences.

SKILLS

- Code: Python, SQL, C#, C++, JavaScript, Java, R, Sass, Ruby.
- Tools: Advanced Excel, Google Sheets Office 365, Computer Assisted Design, Docker, Redis, Jest, Shell, Tailwind.
- Technical: CNC, PLC, Electronics, Hydraulics, Pneumatics, Circuits.
- Soft: Communication, Critical thinking, Collaboration, Problem-solving, Creativity, Adaptability, Time management.