First Last

email ❖ linkedin.com/in/account

xxx-xxx-xxxx ❖ City, State

OBJECTIVE

Motivated and hardworking Industrial Engineer with a proven track record in leadership roles. High technical aptitude, with broad experience in the areas of manufacturing, operations management, data analytics, and continuous improvement. Seeking manufacturing & quality opportunities in the City, State area.

EDUCATION

Bachelor of Science degree in Industrial Engineering   **08/16 – 05/20**

University – City, State

Graduated on May 2020 ❖ Minors: Mathematics, Statistics ❖ GPA: 3.2/4.0

SKILLS & INTERESTS

- **Manufacturing:** Production Planning & Control, PLC, LEAN, CNC Programming, Facility Layout Planning
- **Continuous Improvement:** Six Sigma, LEAN, DE Simulation
- **Data Analysis**: Design of Experiments, VBA, Minitab, RStudio, Power BI, C++
- **CAD/CAM:** AutoCAD, NX, Solid Edge, Revit
- **Soft Skills:** Leadership & teamwork, interdisciplinary communications, problem-solving & adaptability, fluent English & Spanish, basic Portuguese
- **Interests:** Meeting new people, travelling, cycling, reading, films, long distance running, competitive gaming

WORK EXPERIENCE

Company – City, State

Environmental Quality Intern   **05/19 – 08/19**

- Proposed and presented a data-driven solution to reduce environmental impact of waste disposal process to facility leaders. Solution dealt with reduction of land usage; implementation would result in an estimated yearly savings of $45,000.
- Conducted a field study on the degradation of industrial biosolid. Data collected was used for forecasting and capacity requirements planning.
- Learned RCRA laws and regulations pertaining to hazardous waste disposal. Reviewed IDEM permits for land application to understand waste testing requirements.
- Applied LEAN methodology to improve daily data management. Revamped data system using Excel to include visualization tools (dashboards, maps).

Company (via Agency) – City, State

International Market Developer   **05/20 – Present**

- Pioneered the digital marketing team and helped establish training and work standards. Assisted in revising communication process between marketing team and client. Gained valuable knowledge of global sales and marketing operations.
- Communicated with potential clients from the Americas in both English and Spanish. Identified sales opportunities by establishing relationships and researching business needs. Routed opportunities to sales channel using Salesforce.
- Gained working knowledge of various Siemens products (Solid Edge, NX, Tecnomatix) in order to connect product features with client needs.

University – City, State

Resident Advisor   **08/17 – 05/2019**

- Community leader in first year and upper-class residence halls; supervised more than 70 students over the

course of two academic years. Assisted in the interview process for new hires; trained and mentored successful hires in conflict resolution, event planning, and documentation procedures.

- Enforced campus policy and responded to violations. Documented reports in accordance with University & federal guidelines.
- Planned, advertised, and executed monthly events for up to 150 attendees.
  - Won "Best Social Program of the Year" for the 2018-2019 academic year.

Student Building Manager   **12/19 – 05/20**
- Managed daily operations of the university's central hub of activity. Daily operations included opening/closing procedures, conducting safety checks, writing maintenance reports, and event management.
- Communicated with multiple departments (catering, production, tech, custodial) to ensure building events ran according to client expectations.
- First point of contact for building patrons. Resolved conflicts and issues professionally in accordance with University policy.

Academic Projects
- Six Sigma DMAIC**:** Reduced variance in welding operations by establishing pre-control charts & maintenance scheduling. Quality tools used included FMEA, root cause analysis, 5S, pre-control charts, standard work, and ANOVA.
- Layout Design & Evaluation: Designed manufacturing facility layout using AutoCAD and developed material routing sheets. Flow Planner was used to evaluate material flow and estimated handling costs.
- 3D CAD/CAM: Designed and evaluated material handling system using Siemens NX. Presented solution to university's engineering faculty and began manufacturing early prototype.
- Operations Management: Created various spreadsheet-based support systems using Excel VBA. Systems included capacity requirement planning, MRP, demand forecasting, BOM, and production scheduling.
- Process Improvement: Simulated university food court operations using ARENA. Output Analyzer was used for multivariate testing to identify solutions to bottlenecking.

PROFESSIONAL DEVELOPMENT

- **Society of Hispanic Professional Engineers:** Campus chapter treasurer for 2 years. Led the fundraising efforts that took chapter members to the 2018 & 2019 National Conventions in Cleveland, OH and Phoenix, AZ.
- **Institute of Industrial and Systems Engineers:** Campus chapter treasurer for 1 year. Led a successful apparel sale, generating $500 in profit that was used to reimburse membership fees to all members.
- **Society of Manufacturing Engineers:** Participated in facility tours and assisted in the engineering open house. Presented to prospective students on the topics of ARENA simulation and NX modeling & assembly.
- **University Honors Program:** Member of university Honors Program during 4 years of college, participated in over 20 credit hours of alternate leadership classes & seminars. Selected to assist in an annual full-ride scholarship selection process as an interviewer and evaluator 2 years in a row.