

CURRICULUM VITAE

1. NAME:

NOE RODRIGO GUAMAN GUACHICHULLCA

2. EDUCATION:

- MASTER OF BUSINESS ADMINISTRATION WITH A SPECIALIZATION IN LOGISTICS AND TRANSPORTATION, UNIVERSIDAD DE GUAYAQUIL, 2015
- INDUSTRIAL ENGINEER, UNIVERSIDAD DE CUENCA, 2011

3. PROFESSIONAL EXPERIENCE:

- INTERNAL

- UNIVERSIDAD DE CUENCA, CONTRACT PROFESSOR (0.25-0.30 FTE), 2012-09 - 2012-12
- UNIVERSIDAD DE CUENCA, CONTRACT PROFESSOR (0.25-0.30 FTE), 2013-01 - 2013-02
- UNIVERSIDAD DE CUENCA, CONTRACT PROFESSOR (FULL-TIME), 2013-03 - 2013-08
- UNIVERSIDAD DE CUENCA, CERTAIN WORK CONTRACT, 2013-03 - 2013-03
- UNIVERSIDAD DE CUENCA, CONTRACT PROFESSOR (FULL-TIME), 2013-09 - 2014-02
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (0.5 FTE), 2014-03 - 2014-08
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2014-09 - 2015-02
- UNIVERSIDAD DE CUENCA, CERTAIN WORK CONTRACT, 2014-09 - 2015-02
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2015-03 - 2015-08
- UNIVERSIDAD DE CUENCA, CERTAIN WORK CONTRACT, 2015-03 - 2015-08
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2015-09 - 2016-02
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2016-03 - 2016-08
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2016-09 - 2017-02
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2017-03 - 2017-08
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2017-09 - 2018-02
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2018-03 - 2018-08
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2018-09 - 2019-02
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2019-03 - 2019-08
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2019-09 - 2020-02
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2020-03 - 2020-08
- UNIVERSIDAD DE CUENCA, ADJUNCT PROFESSOR (FULL-TIME), 2020-09 - 2021-02
- UNIVERSIDAD DE CUENCA, ASSISTANT PROFESSOR (FULL-TIME, LEVEL 1), 2021-03 - 2021-09
- UNIVERSIDAD DE CUENCA, INDUSTRIAL ENGINEERING PROGRAM DIRECTOR, 2021-09 - 2021-11
- UNIVERSIDAD DE CUENCA, INDUSTRIAL ENGINEERING PROGRAM DIRECTOR, 2021-11 - 2022-11
- UNIVERSIDAD DE CUENCA, INDUSTRIAL ENGINEERING PROGRAM DIRECTOR, 2022-11 - 2023-11
- UNIVERSIDAD DE CUENCA, INDUSTRIAL ENGINEERING PROGRAM DIRECTOR, 2023-11 - 2024-01
- UNIVERSIDAD DE CUENCA, INDUSTRIAL ENGINEERING PROGRAM DIRECTOR, 2024-01 - 2024-11

•UNIVERSIDAD DE CUENCA, INDUSTRIAL ENGINEERING PROGRAM DIRECTOR, 2024-11 - 2025-10

- EXTERNAL

•NONE

4. PROFESSIONAL DEVELOPMENT ACTIVITIES:

•NONE

5. CONTRIBUTIONS TO THE DISCIPLINE:

- FLORES SIGUENZA, P. A. AND GUAMAN GUACHICHULLCA, N. R., “*DESIGN OF A BI-OBJECTIVE OPTIMIZATION MODEL FOR SUSTAINABLE PRODUCTION PLANNING APPLIED TO TEXTILE MSMES*,” SCOPUS, 2024.
- FLORES SIGUENZA, P. A. AND GUAMAN GUACHICHULLCA, N. R., “*MULTI-OBJECTIVE OPTIMIZATION MODEL FOR SUSTAINABLE PRODUCTION PLANNING IN TEXTILE MSMES*,” SCOPUS, 2023.
- FLORES SIGUENZA, P. A., GUAMAN GUACHICHULLCA, N. R., ROSERO MANTILLA, C. A., SIGUENZA GUZMAN, L. C., AND JADAN AVILES, D. C., “*TEXTILE MICRO, SMALL AND MEDIUM ENTERPRISES (MSME) LAYOUT DYNAMICS IN THE ECUADORIAN CONTEXT*,” SCOPUS, 2022.
- LLIVISACA VILLAZHAÑAY, J. C., JADAN AVILES, D. C., GUAMAN GUACHICHULLCA, N. R., ARCENTALES CARRION, R. N., PENA ORTEGA, M. P., AND SIGUENZA GUZMAN, L. C., “*AN OVERVIEW OF OPTIMIZATION MODELS AND TECHNOLOGICAL TRENDS OF LOGISTICS IN THE RETAIL SECTOR*,” SCOPUS, 2022.
- MEDINA SAMANIEGO, H. W., PENA ORTEGA, M. P., SIGUENZA GUZMAN, L. C., AND GUAMAN GUACHICHULLCA, N. R., “*DEMAND FORECASTING FOR TEXTILE PRODUCTS USING MACHINE LEARNING METHODS*,” SCOPUS, 2022.
- LUZURIAGA ANDRADE, M. A., SIGUENZA GUZMAN, L. C., APOLO AGUILAR, M. D., GUAMAN GUACHICHULLCA, N. R., AND ARCENTALES CARRION, R. N., “*MODELO GENÉRICO DE PROCESOS PARA EMPRESAS DE ENSAMBLAJE COMO ESTRATEGIA DE EVALUACIÓN COMPARATIVA PARA LA TOMA DE DECISIONES*,” SCOPUS, 2021.
- SUCOZHANAY IDROVO, G. C., CABRERA BARBECHO, F. N., SUCOZHANAY CALLE, D. C., GUAMAN GUACHICHULLCA, N. R., SIGUENZA GUZMAN, L. C., AND VANEGAS PENA, P. F., “*TOWARD A SUSTAINABILITY BALANCED SCORECARD FOR MANAGING CORPORATE SOCIAL RESPONSIBILITY: A CONCEPTUAL MODEL*,” SCOPUS, 2021.
- TAPIA CARDENAS, D. E., VINTIMILLA ALVAREZ, P. F., ALVAREZ PALOMEQUE, L. X., LLIVISACA VILLAZHAÑAY, J. C., PENA ORTEGA, M. P., GUAMAN GUACHICHULLCA, N. R., SIGUENZA GUZMAN, L. C., AND JADAN AVILES, D. C., “*A MODEL FOR IMPLEMENTING ENTERPRISE RESOURCE PLANNING SYSTEMS IN SMALL AND MEDIUM-SIZED ENTERPRISES*,” SCOPUS, 2021.
- APOLO AGUILAR, M. D., GUAMAN GUACHICHULLCA, N. R., COLINA MORLES, E. N., LUZURIAGA ANDRADE, M. A., AND SIGUENZA GUZMAN, L. C., “*ANÁLISIS DE TIEMPOS ESTÁNDAR EN EMPRESAS DE ENSAMBLE COMO INSUMO PARA LA TOMA DE DECISIONES*,” SCOPUS, 2020.
- LLIVISACA VILLAZHAÑAY, J. C., JADAN AVILES, D. C., GUAMAN GUACHICHULLCA, N. R., ARCENTALES CARRION, R. N., PENA ORTEGA, M. P., AND SIGUENZA GUZMAN, L. C., “*KEY PERFORMANCE INDICATORS FOR THE SUPPLY CHAIN IN SMALL AND MEDIUM*

SIZED ENTERPRISES BASED ON BALANCE SCORE CARD,” SCOPUS, 2020.

- RAMIREZ VARGAS, J. S., GUAMAN GUACHICHULLCA, N. R., COLINA MORLES, E. N., AND SIGUENZA GUZMAN, L. C., “*PREDICTION OF STANDARD TIMES IN ASSEMBLY LINES USING LEAST SQUARES IN MULTIVARIABLE LINEAR MODELS*,” SCOPUS, 2020.
- CALLE MOROCHO, B. F., SIGCHA QUEZADA, E. A., GUAMAN GUACHICHULLCA, N. R., AND SIGUENZA GUZMAN, L. C., “*OCCUPATIONAL HEALTH AND SAFETY FOR DECISION-MAKING IN THE FRAMEWORK OF CORPORATE SOCIAL RESPONSIBILITY: MODELS, GUIDELINES, AND INDICATORS*,” SCOPUS, 2020.
- RODAS DURAN, P. J., GUAMAN GUACHICHULLCA, N. R., COLINA MORLES, E. N., PENA ORTEGA, M. P., AND SIGUENZA GUZMAN, L. C., “*MATHEMATICAL MODEL BASED ON LINEAR PROGRAMMING AND FUZZY LOGIC FOR TIME PREDICTION IN BICYCLE ASSEMBLY INDUSTRIES*,” SCOPUS, 2019.
- PENA ORTEGA, M. P., CERRADA, M., ALVAREZ PALOMEQUE, L. X., JADAN AVILES, D. C., M LUCERO, P., BARRAGAN LANDY, M. F., GUAMAN GUACHICHULLCA, N. R., AND VINICIO SÁNCHEZ, R., “*FEATURE ENGINEERING BASED ON ANOVA, CLUSTER VALIDITY ASSESSMENT AND KNN FOR FAULT DIAGNOSIS IN BEARINGS*,” SCOPUS, 2018.
- PENA ORTEGA, M. P., ALVAREZ PALOMEQUE, L. X., JADAN AVILES, D. C., LUCERO, P., BARRAGAN LANDY, M. F., GUAMAN GUACHICHULLCA, N. R., AND CERRADA LOZADA, M., “*ANOVA AND CLUSTER DISTANCE BASED CONTRIBUTIONS FOR FEATURE EMPIRICAL ANALYSIS TO FAULT DIAGNOSIS IN ROTATING MACHINERY*,” SCOPUS, 2017.