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EDUCATION

Memorial University of Newfoundland, St. John's, NL

Bachelor of Engineering, Computer Co-op Program
Expected Graduation 2021

Sept. 2015-Present

Escuela Internacional Sampedrana, San Pedro Sula, Honduras

Honduras Bachillerato
U.S. High School Diploma

June 2015

WORK EXPERIENCE

Associate Maintenance Engineer Co-op Student

Empire Electronics, Honduras

Feb.-Apr. 2018

- Assisted in the designing of maintenance strategies, procedures and methods which reduced assembly line down-time to 3% and scrap production to 1%
- Carried out routine scheduled maintenance work and responded to equipment faults
- Diagnosed breakdown problems through the collection and analysis of on-site data

Associate Planning Engineer Co-op Student

Sula Valley Biogas, Honduras

Feb.-Apr. 2017

- Assisted in the planning, budgeting and decision-making process of the largest biogas energy company in Central America
- Interpreted data from SCADA systems to create weekly graphs and reports pertinent to energy production and biomass consumption for the use of upper management
- Wrote the first plant operations handbook after becoming familiar with the production process

Freelance Author

EL/LA Magazine, Honduras

2014-2015

- Wrote and published articles about the latest consumer technology products

RESEARCH

Saady, N., Bazan, C., **Buezo, K.** (2018, under review). Anaerobic digestion of blood from slaughtered livestock animals: A review. *Reviews in Environmental Science and Bio/Technology*

RELEVANT PROJECTS

Customer Information System

San Pedro Sula, Honduras

June-Aug. 2017

- Designed and deployed a customer information system capable of generating Crystal Reports using Visual C# and Microsoft Access for a furniture store
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CERTIFICATIONS

Power and control circuits for three-phase motors

Instituto Tecnológico de Excelencia Educativa, Honduras

Aug. 2017

Household electrical installations

Instituto Tecnológico de Excelencia Educativa, Honduras

May 2017

Level 1 Teaching Assistant

Mathematics Learning Centre, Memorial University of Newfoundland

Aug. 2016

Excel and Word 2007 Specialist

Microsoft Learning, Honduras

June 2011