

**Kovasky Alfonso Buezo Portillo**  
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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

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## WORK EXPERIENCE

**Associate Project Engineer Co-op Student**

Fish n' Brews, Newfoundland

Sept. 2018-Present

- Carrying out a prefeasibility study for an anaerobic digestion facility
- Co-designing company website

**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

## RESEARCH

Ammar Musbah Saleh Ahmed, **Kovasky Buezo**, Noori Saady, "Adapting anaerobic consortium to pure and complex lignocellulose substrates at low temperature: Kinetics evaluation," *International Journal of Recycling of Organic Waste in Agriculture*, 2018, under review.

Noori Saady, Carlos Bazan, **Kovasky Buezo**, "Anaerobic digestion of blood from slaughtered livestock animals: A review," *Biomass and Bioenergy*, 2018, under review

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## CERTIFICATIONS

<b>Power and control circuits for three-phase motors</b> Instituto Tecnológico de Excelencia Educativa, Honduras	Aug. 2017
<b>Household electrical installations</b> Instituto Tecnológico de Excelencia Educativa, Honduras	May 2017
<b>Level 1 Teaching Assistant</b> Mathematics Learning Centre, Memorial University of Newfoundland	Aug. 2016
<b>Excel and Word 2007 Specialist</b> Microsoft Learning, Honduras	June 2011