

## Work Experience

### Lester's Dairy Farm, Newfoundland

September 2018 - November 2018

Associate Project Engineer Co-op Student

- Carried out a prefeasibility study for an anaerobic digestion facility
- Performed mass balance calculations
- Assisted in planning and decision-making process in the design phase of the facility

### Empire Electronics, Honduras

February 2018 – April 2018

Associate Maintenance Engineer Co-op Student

- 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

### Sula Valley Biogas, Honduras

February 2017 – April 2017

Associate Planning Engineer Co-op Student

- 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

- 1) 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.

## Projects

- Developed an Intel 8080 assembler and emulator with C++ and Qt
- Developed a Chip-8 interpreter with modern C++ and SDL2
- You can see more at [kovasky.me](http://kovasky.me) or [github.com/kovasky](https://github.com/kovasky)

## Education

### Memorial University of Newfoundland

September 2015 – May 2021 (Expected)

Bachelor of Engineering Co-op, Computer