

Leonard Jr Vernet

2 Town View Crescent Cornwall, PE C0A 1H4

902-218-5482

leonardjrvernet@gmail.com

PROFILE

Bilingual (English & French) Mechanical Engineering Graduate with a Master's degree in Mechanical & Aerospace Engineering, currently enrolled with Engineers PEI as E.I.T. Solid background in the core principles of Mechanical Engineering and extensive skills and experience in power plant operations, as well as the design and maintenance of various mechanical systems. Actively looking for a Mechanical Engineer-in-Training position to strengthen my skills and experience and progress in the field.

SKILLS PROFILE

- Experienced working in a Power Plant
- Skilled at streamlining operations and processes to enhance productivity
- Solar Design Energy Systems Expertise
- HVAC Systems
- Solid Oxide Fuel Cell fabrication
- Planning/ Diagnostic ability/ Decision making
- Flexible and Adaptable
- Team player with effective communication skills

WORK EXPERIENCE

Research Experience, Syracuse University, Syracuse, NY

2013 – 2015

- Investigated potential applications of metallic nanoparticles in photoreactions and energy production
- Carried out in-depth fluid dynamics studies on the mechanism of transition between laminar and turbulent flow
- Studied convective heat and mass transfer processes between fluids and submerged objects

Power Engineer, E-power, Power Plant, Port-au-Prince, Haiti

2012- 2013

- Assisted in the monitoring, control and optimization of the engines in the 32 MW power plant
- Prepared and submitted daily reports regarding engine performance to the shift supervisor
- Outlined the state of the Power Plant through monthly presentations to the executive board

EDUCATION

Masters of Science, Mechanical and Aerospace Engineering

2015

Syracuse University, L.C. Smith College of Engineering and Computer Science, Syracuse, NY

Bachelor of Science, Electromechanical Engineering

2012

State University of Haiti, School of Sciences, Port-au-Prince, Haiti

VOLUNTEER EXPERIENCE

College Readiness Program Coordinator

2011-2012

Planned and coordinated remedial courses for high school graduates seeking admission to the engineering program at the State University of Haiti.

Vice-President of PIBETA Group

2010-2012

PIBETA is a professional organization composed of engineering students and alumni of the engineering school of the state University of Haiti.

REFERENCES AVAILABLE UPON REQUEST