

MICHAEL TAKLA

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SUMMARY OF SKILLS

- Critical thinker with a desire to learn, solve problems and drive innovation
- Exceptional interpersonal skills with a proven ability to take initiative and lead when working in teams
- Approachable and effective communicator with individuals of various professions

EDUCATION

McMaster University

Bachelor of Engineering, Electrical and Biomedical, Co-op

2017

WORK EXPERIENCE

Ontario Power Generation

May 2017 - Present

Plant Engineer/Officer, Plant Engineering Services

Niagara Falls ON

- Provided lead electrical and controls engineering support on various projects through OPG's hydroelectric fleet
 - Activities include: project initiation reports, technical specifications, installation and construction monitoring, commissioning and testing, and design reviews
 - Notable projects: NECC SCADA Cutover, Calabogie and Stewartville Sluiceway upgrades, Aguasabon Surge Tank Replacement, EOCC Sluiceway Standardization, International Control Dam Rehab
- Provided thorough electrical assessments and recommendations for seven hydroelectric generating stations
- Owner of PES' Cyber Security Technical Bulletin program
- As part of the RG EIT program, completed rotations with operators, outage managers, water managers at each regional control center, in addition to a two-month rotation with energy market's commercial contracts group

Hydro One

May 2015 - Aug 2016

Controls and SCADA Engineering

Toronto ON

- Trained and managed a team of three point verification testers, controlling and monitoring Hydro One grid protection and control equipment to perform commissioning on behalf of OGCC operators
- Improved testing procedures, shortening test time and reduced risk of issuing incorrect commands to field
- Provided final approval of Hydro One's SCADA compliance to allow the connection of private solar and wind generation companies to the power grid
- Programmed the SCADA communication pathway from the power lines to HO's network management system
- Developed excel based program to order control equipment and cables through SAP
- Assisted project managers with IESO's meteorological data retrieval initiative for high producing customer sites
- Ensured all configurations and documentations met Cyber Security and NERC CIP standards

PROJECTS

PRSM Medical

June 2017 - Present

Co-Founder and COO

Hamilton, ON

- Lead the business development of PRSM' flagship product, The sKan, a medical device to aid in melanoma detection
- Winners of the International James Dyson Design Award and over \$60k in seed funding

LEADERSHIP EXPERIENCE

Producer and Co-Founder – The Faedaway, Basketball Podcast, 100 average listeners

Oct 2018 - Present

Manager, Men's Basketball League, Canadian Coptic Center

Sept 2014 - Present

Youth Counsellor, Church of St. Mary and St. Athanasius

Sept 2011- Present