

Venissa Carol Quadros

Montreal, Quebec | venicq@gmail.com | +1 (438) 867-8843

ABOUT ME

A motivated and versatile Electrical & Electronics Engineer with 2 years of professional experience in software and electrical & electronics hardware. An eager learner, and technology enthusiast accustomed to multidisciplinary environments.

EDUCATION

McGill University

Master of Science
Electrical Engineering-Thesis

Aug 2022- Present

BMSCE

Bachelor of Engineering
Electrical & Electronics

Sep 2016 - Sep 2020
9.45/ 10 CGPA

SKILLS

Electrical & Electronics Fundamentals
Computer Programming
Communication Skills
Interdisciplinary Mindset
Critical Thinking

EXPERIENCE

Robotics Engineer (Electronics)/ Intern

Kaaya Virtualization Tech Private Limited

Sep 2021 - July 2022

- Designed and tested custom need-specific electronics through the integration of off-the-shelf products.
- Implemented software for electronics hardware testing.
- Calculated power requirements, and planned and implemented power and communication wiring, hardware safety and control features for multiple projects including a 7-foot+ humanoid robot.

Freelance Technical Content Writer

ProjectPro

May 2021 - Sep 2021

- Researched and wrote articles on technical concepts like Feature Engineering, Exploratory Data Analysis, and Gradient Descent.
- Provided original long-form content for the blog aimed at enabling beginners to adopt Data Science and Machine Learning concepts.

Networking Intern

Astrom Technologies Pvt. Ltd

Jun 2021- Jul 2021

- Implemented POC for setting up a configuration manager to manipulate the configuration of network devices using NETCONF and YANG.
- Defined preliminary YANG model for device component for testing purposes.

HIGHLIGHTS

- Secured **First Rank** in Bachelor of Engineering (Electrical & Electronics Engineering) for the Academic year 2020.
- Served as Electrical & Electronics Department Coordinator during the Annual National Technical Symposium, Phase Shift, at BMSCE. The department received the Second Runner Up position in the 'Best Department Award'.
- Served as Event Coordinator for Make-A-Thon, the flagship event of the Electrical & Electronics Department.
- Captain of BMSCE Athletics Team (Aug 2017- Aug 2020).

VOLUNTEERING EXPERIENCE

- **United Nations Volunteers (UNV) programme:** Interviewer for Talking Tech: Women & Girls in ICT YouTube series.
- **GE Volunteers:** Participated in the GE Paper Bag Challenge.
- **BMSCE:** Participated in the "Give Paper Back".

**Digital Technology Co-op/
Intern**

Jan 2020 - Jan 2021

GE Healthcare

- Defined and operationalized the operational metrics. Identified and made recommendations to alleviate data quality issues.
- Developed a Graphic User Interface for data copy operations using Flask, AWS CLI, and Boto3 SDK. Used Flask blueprints to ensure application modularity and Flask-Principal module to maintain access control.
- Developed applications with Spark and worked with PySpark, Scala, and Dataframes library for data manipulation and validation.
- Understood the interoperation of services like AWS AMI, EBS, Terraform, and Ansible for infrastructure maintenance and recovery.
- Understood and implemented Kafka stream to satisfy real-time data requirements.

Intern

Jun 2018- Jul 2018

BASF

- Worked on control wirings of low voltage motor control centers & motor feeders.
- Gained hands-on experience in wiring & speed control of AC motors using VFD

CERTIFICATIONS

- AI for Medicine Specialization by deeplearning.ai on Coursera
- Deep Learning Specialization by deeplearning.ai on Coursera
- Robotics Specialization by the University of Pennsylvania on Coursera.
- Diploma in Java by Manipal Institute of Computer Education
- Diploma in Information Technology by Department of Computer Science, St. Aloysius Pre-University College for completing Concept of Information Technology, C++ language course.

LANGUAGES

English- Level C2 (CEFR)

German- Level B2 (CEFR)

French- Beginner

Hindi- Conversational

Kannada- Conversational

Konkani- Conversational