

Adedolapo Adegboye (Ade), E.I.T.

adedolapo.adeboye@ucalgary.ca
8253658729
Edmonton, Alberta

Summary

Electrical Engineer-in-training with about two years of experience in developing, maintaining and supporting Internet of things (IoT) sensors. Responsible for complete lifetime ownership of multiple sensors across different verticals such as smart agriculture, asset tracking, and smart building. Looking for an E.I.T. role to continue my development.

Social Profiles

- Website: adedolapo.info
 - LinkedIn: www.linkedin.com/in/adeboyeadedolapo
 - Github: www.github.com/adedolapoadeboye
-

Technical Skills

- Programming Languages: Python, MATLAB, SIMULINK, JavaScript, HTML, CSS
 - Tools: MS Office, Jira, Confluence, Github, Jlink, Visual Studio Code, STLink
 - Platforms: AWS IoT, Google Cloud, Azure IoT Hub, Thingsboard, Tago, Ericsson IoT Accelerator, Telit IoT Portal, PostMan
 - Technologies: LoRaWAN, NB-IoT, LwM2M, MQTT, HTTP, BLE, GNSS
-

Experience

IoT Systems Engineer-in-Training

Tektelic Communications Inc. • Calgary, Alberta

11/2021 - Present

- Create well-written and easy-to-understand internal and field-facing technical and non-technical documentations leading to reduction in documentation-related tickets from customers by 40% in the year 2021
- Perform thorough system-level verification tests on sensors, identifying bugs and design quality issues, and reporting them in a timely and well-communicated manner
- Coordinate with other members of the systems team to develop new test plans and improve existing test plans, leading to an increase in overall increase in productivity by 20%
- Review custom feature requests from customers and lead the development efforts required to implement these new features
- Collaborate with other members of R&D team to resolve 90% of sensor issues escalated by the client support team within first three working days

IT Technician Intern

Calgary Parking Authority • Calgary, Alberta

05/2021 - 10/2021

- Resolved hardware/software tickets with an average ticket resolution rate of 85% within the first 3 days
- Configured and maintained the Milestone surveillance camera system for the new platform parkade in Calgary

Electrical Engineering Intern

Calta PowerTech • Calgary, Alberta

05/2021 - 08/2021

- Developed and maintained an automation and simulation program using MATLAB/SIMULINK to analyze the effects of Flash-lightning on Power transmission lines
- Created project documentations for new projects and updated existing documentations

Education

Master of Engineering, Electrical and Computer Engineering

University of Calgary • Calgary, Alberta

05/2022

CGPA: 3.94/4.00 || Volunteer Activities: Lead Commissioner at Schulich Ignite Student Club. Student member, Engineers without Borders || [Transcript](#)

Some Examples of Completed Course Projects

- Garbage classification using Convolutional Neural Network (CNN)
- Generating Synthetic Digits using Generative Adversarial Network (GAN)
- Research Paper on Fiber Bragg Gratings Technology
- Adaptive equalization of a dispersive communication channel

Bachelor of Engineering, Electrical and Computer Engineering

Kwara State University • Malete, Kwara

06/2018

CGPA: 3.63/4.00 || Volunteer Activity: Head Coach, Engineering Men Soccer Team || [Transcript](#)

Capstone Project

- Research Paper on Implementation of Powerline Communication in Nigeria

Certificates

Microsoft Azure AI Fundamentals Certification, FUSION Skill Development Program Certification

Professional Associations

- Engineer in Training, Association of Professional Engineers and Geoscientists in Alberta (APEGA)
- Graduate Member, Institute of Electrical and Electronics Engineers (IEEE)