Temirlan Yergazy

Recent Electronics Engineering Technology Graduate

temirlan.yergazy@gmail.com | (905) 925-9500 | Mississauga, ON
https://www.linkedin.com/in/temirlan-yergazy/ | https://temirlan504.github.io/Portfolio/

Skills

- Hands-on experience designing, analyzing, and troubleshooting electronic circuits with Proteus CAD software for PCB circuit design
- Proficient in debugging and troubleshooting software with 3+ years of experience using Python
- Familiar with Digital Signal Processing for digital and analog circuits using MATLAB
- Demonstrated aptitude with industrial automation inclusive of technical drawings, PLCs, instrumentation, and robotics. This includes working with P&ID diagrams, programming Allen Bradley PLCs, HMI design, configuring Variable Frequency Drives, conveyor belt systems, calibrating and reading sensors and pressure gauges for electrical, hydraulic, and pneumatic systems.
- Basic knowledge of GSM, GPRS, LTE and GNSS technologies

Education

Advanced Diploma – Electronics Engineering Technology   Sep 2021 – Apr 2024
Durham College (Oshawa, ON)

Certifications

Web Development   May 2024
HarvardX (Remote)

Completed five projects using Python and JavaScript. Further acquired knowledge in React, Load Balancing, CI/CD and Cyber Security.

Notable Projects

"Percy" the Rover   Jan 2024 – Apr 2024
This project was inspired by NASA's Mars Rover and was completed a Diploma Capstone project. The rover featured a custom design with a robotic arm and environment sensors. Control of the rover was achieved using a custom web application with a virtual joystick and live video transmission from a camera mounted at the front of the rover. The backend used the Flask – Python Web Framework and the frontend used JavaScript, HTML, and CSS

Learning Platform   Mar 2024 – May 2024
Developed a learning platform as a Final Project for the Web Development Certification. On the Backend there is Django - Python Web Framework, and on the Frontend - JavaScript, HTML and CSS

Work Experience

General Maintenance Assistance – Field Placement   Feb 2024 – Apr 2024
General Motors (Oshawa, ON)

Developed a SharePoint website for the maintenance personnel. Collected and digitized safety documents while adhering to best organizational practices.

Backend Web Developer – Internship   May 2023 – Sep 2023
NGS (Remote)

Developed automated test scripts with Python and Unit testing with API troubleshooting in Postman. Worked in a team setting to develop a web application for the company. Technologies used included the Git Version Control System, Docker, FastAPI, unittesting, Postman, JIRA, CI/CD.