ZUMHLIANSNAG LUNGLER (Lian)

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EXPERIENCES

Volunteer Computer Recycling at The Working Centre   2017 – 2019

This experience not only enhanced my technical skills in computer refurbishment and repair but also allowed me to contribute significantly to community service by providing affordable technology to those in need. Roles included:

- Refurbished and repaired donated computers
- Installed operating systems (Windows 7, Xubuntu Linux)
- Performed hardware diagnostics and component replacements
- Provided low-cost repair services and technical advice to low-income individuals
- Gained hands-on experience in computer maintenance and software updates
- Contributed to environmental sustainability through recycling
- Collaborated with and mentored fellow volunteers, enhancing teamwork and leadership skills.

Assembler at Grote Electronics   2014 - 2016

At Grote Electronics, I excelled in precise assembly, and material handling, prioritizing safety and operational excellence. As a proactive team member, I contributed to problem-solving and promoted continuous improvement. With a focus on adaptability and growth, I ensured project success in manufacturing. Roles included:

- Assembling and solder parts for LED brake lights, PCB parts and truck ABS brake detectors.
- Handling material transactions and operating moving equipment safely.
- Maintaining a clean, organized work area and recording work details.
- Training employees and participating in problem-solving.
- Using hand tools, power tools, and measurement devices.
- Computers, and following technical blueprints.
- Meeting physical demands such as standing, lifting, and working at heights.

PROJECTS

Full Stack Open | certificate   2020 - 2022

I acquired proficiency in React, Redux, Node.js, MongoDB, GraphQL, and TypeScript through an extensive course. The primary emphasis was on constructing a single-page web application using ReactJS, which utilizes a REST API developed with Node.js.

Data analysis Python | course   2023 - present

I'm delving into the data analysis pipeline using python and SQL, focusing on tasks like cleaning data to prepare it for exploration. I aim to manipulate the data, visualize patterns for better insights, and explore machine learning to build models that predict new data or explain existing patterns.

Crash course on Electronics and PCB Design   2024 – present

Learning to analyze, design, and construct analog and digital circuits, including PCBs. Developing skills in CAD tools, schematic entry, PCB layout, circuit simulators, and MATLAB. Gaining experience with lab equipment like oscilloscopes and signal generators, and hands-on techniques such as breadboarding and soldering.

SKILLS

- Python, Java Script, C/C++, Rust, SQL, Vim, GDB, Linux, Visual Studio Code
- Unit Testing, Test Driven Development, SOLID patterns, UML, Agile, OOP
- BCP soldering, Schematics, CircuitMaker
- Problem solver, Great listener, Effective communication, Time management, Teamwork, Leadership

EDUCATION

Eastwood Collegiate Institute (Ontario Secondary School Diploma)   2008 – 2012