ZUMHLIANSNAG LUNGLER (Lian)

zumhliansang@live.ca | zumh.github.io/zumhller | linkedin.com/in/zumhller | Kitchener, Ontario, Canada

EXPERIENCES

Volunteer Computer Recycling at The Working Centre **2017 – 2019**

- This experience significantly enhanced my technical skills in computer refurbishment and repair while allowing me to contribute to community service.
- I provided affordable technology to those in need, supported environmental sustainability through recycling, and improved my teamwork and leadership skills by collaborating with and mentoring fellow volunteers.

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, ensuring project success in manufacturing.
- My roles included assembling and soldering parts for LED brake lights, PCB parts, and truck ABS brake detectors; maintaining a clean and organized work area; recording work details; training employees; using hand tools, power tools, and measurement devices; following technical blueprints; and 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, HTML, CSS, Vim, MATLAB
- BCP soldering, Schematics, Circuit Maker, MongoDB, GDB, Linux, React, Pandas, Numpy
- Problem solver, Great listener, Effective communication, Time management, Teamwork, Leadership

LEADERSHIP

- **Church**: Lead Information Technology
- **Kitchener Chin Youth Organization**: Lead Information Technology, Auditor

EDUCATION

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