Luk Sze Yui Victor

Product Engineer

CONTACT

Phone 6388 5386
Email lsyvictor254gm@gmail.com

WEBSITE

LinkedIn
https://www.linkedin.com/in/lsyvictor/
Portfolios
https://lsyvictor254.github.io/portfolio/

Dynamic Production Engineer with experience, specializing in production management, quality control, and hardware development. Skilled in circuit design, PCB layout, and prototype testing, with a focus on delivering reliable and innovative solutions. Contributed to securing funding, improving brand visibility through marketing efforts, and supporting business growth in a startup environment.

WORK HISTORY

Product Engineer — LeafIoT Technology Limited
Jun 2023 - Current
Hong Kong

- Spearheaded hardware development, including circuit design, mechanical design, production process monitoring, QC, and failure analysis, ensuring hardware product quality and performance.
- Led marketing efforts by creating and managing social media content, editing company media (photos and videos), and building the company website to enhance brand visibility.
- Contributed to business development by drafting patent applications, preparing funding proposals, and creating pitching decks for investors and competitions.
- Conducted business outreach by participating in exhibitions, overseeing overseas deployments, and meeting clients to introduce and tailor solutions to their needs.
- Secured funding support, contributing to the company's financial growth and sustainability.

Electronic Engineer — Joint Wisdom Technology Limited
Sept 2021 - Current
Hong Kong

- Designed electronic circuit and schematic, PCB layout, and conduct product development and testing.
- Created MCU program suing C++ based programming language
- Built prototypes using Arduino, ESP32, STM32
- Performed BOM preparation, troubleshooting and testing evaluation
- Mentored interns for developing new products

Research Assistant — City University of Hong Kong
Aug 2020 - Jul 2021
Hong Kong

- Designed electronic circuits, PCB layout for ITF funding project (UV-C disinfection device)
- Monitored project timelines, ensuring timely completion of tasks while maintaining quality output.
- Supported grant writing efforts, securing essential funding for research projects.

TECHNICAL SKILL

Autodesk Eagle
QCADCAM
FreeCAD
Tinkercad
Python
C++

Adobe Photoshop CC
Adobe Premiere CC
Blender

EDUCATION

Bachelor of Engineering
Jul 2020
City University of Hong Kong

- Electronic and Communication Engineering

LANGUAGES

Cantonese Native
English Upper intermediate
Mandarin ntermediate