Tống Bảo Lân

Graduated Student

Profile

30/06/2001

Male

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Ho Chi Minh, Vietnam

Skills

Mechanical Design Skills:

- AutoCAD: Basic

Programming Skills:

- C/C++: Intermediate
- HTML, CSS, JavaScript: Basic
- Linux: Intermediate
- Python: Intermediate
- Matlab: Basic
- Gitlab: basic

Soft Skills:

- Adaptability
- Critical thinking
- Organisation
- Problem-solving
- Public Speaking
- Teamwork

Interest

- Technologies and Science
- History and Philosophy
- 3D Printings
- Collecting and painting miniatures

Objective

As a new graduate mechatronics engineer, I seek a challenging position in a dynamic organization where I can apply my academic knowledge and practical skills to contribute to the design, development, and optimization of mechatronic systems. My objective is to utilize my multi-disciplinary background in engineering and technology to solve complex problems, drive innovation, and enhance industrial processes. I aim to work collaboratively with cross-functional teams to develop cutting-edge technologies and improve efficiency. Additionally, I am committed to continuous learning and growth, staying updated on emerging trends and leveraging my analytical and problem-solving abilities to make a meaningful impact on organizational success.

Education

Ho Chi Minh University of Technology and Education

Oct 2019 - *Dec 2023*

Major: Mechatronics engineer

GPA: 2,95/4 (7,43/10)

Work experience and projects

Software developer intern *March 2023* - *May 2023*

DEK Techonologies Vietnam

- Project: Microservice deployment with containers, the purpose of this project is to build a chat service using a microservice architecture that can be deployed using Docker containers on a cluster of multiple Linux servers so that it can handle a high number of users and have availability characteristics.- Working in Agile/Scrum environment
- Programming language: C++, Linux, SQL, Java, CI/CD, Docker, k8s

Graduation thesis -

- Design and Manufacture 3D printer using clay material.

- Programming language: C++. In this project we will design and create all the necessary components to make a 3D printer using clay material, we also use MKS Gen L v2.1 board to control the printer, since the clay material is almost similar to the plastic one so we will use Marlin firmware to run all the functions of the printer.
- Project link: https://www.youtube.com/watch?v=TpeyUfls-HY&;t=22s

Personal Portfolio -

- Portfolio link: https://jovial-hummingbird-e93433.netlify.app/

- Programming language: HTML, CSS, JavaScript

IoT and Embedded Project -

- Design and simulate Smarthouse applications

- In this project we will used Raspberry PI zero W 2 to simulate and control lightings, temperature sensors and fans of a smarthome. Furthermore, we will also create a website for monitoring the temperature and feedbacks from sensors using opensource library.

- Programming Language: C, HTML, CSS

Additional information

- Have decent experience with Raspberry Pi and Arduino Kit
- Have decent knowledge of Electrical/Electronics Application
- Have good experiance with Microsoft Office such as Words, Excel and PowerPoint

Certifications

2022 IELTS Certificate with score 7.0 issued by IDP Education