TA MINH GIANG

Embedded Software Engineer

OBJECTIVE

- o Short-term: Getting an appropriate job in Electronics; having the opportunities to develop my expertise and improve my English level.
- o Long-term: Getting career advancement; conducting research projects on Electronics.



EDUCATION

HCM CITY UNIVERSITY OF TECHNOLOGY AND EDUCATION

9/2014 - PRESENT

- o Major: Electronics and Communication Engineering.
- o GPA: 7.23/10
- A basic understanding of microprocessor programming (PIC, ARM, Arduino, language C and VHDL) and PLC.
- o PCB Design & Layout.



WORK EXPERIENCE

o Internship at CADIVI DONG NAI company.

3/2018-4/2018

- Measurement of product parameters and comparison with standards to evaluate product quality.
- o Worked for Teampro Event (Parttime)

6/2016-7/2017

- Organization of events: Prepare audio, lighting, decor and activities teambuilding...
- Two years practice in the laboratory.

2016-2018



- o Project 1: Device control via Bluetooth.
- o Project 2: Design Led Matrix Clock.
- o Graduation thesis: Nonlinear system control using intelligent algorithms.
- Inside, Intelligent algorithms are Fuzzy logic and neural network. Nonlinear systems are TRMS and AC motor speed control model. The TRMS is a laboratory platform designed for control experiments by Feedback Instruments. In certain aspects, its behavior resembles that of a helicopter. My programming software is Matlab Simulink and microcontroller use is STM32F4. Beside Matlab Simulink also have the task is to monitor the operation of the system. The main purpose of the topic is to build algorithms and controllers in actual testing and showed to verify the effectiveness and applicability of intelligent algorithms.



CERTIFICATIONS

o TOEIC Certificate with score 540 issued by IEG



HONORS & AWARDS -

- o "Deal with uncertainty systems using intelligent control methods", Journal of Technical Education Science, Ho Chi Minh City University of Technology and Education.
- o Award Autonomous Vehicle Contest 2017 THIRD PLACE
- o University scholarships for the semester: **5,6,7.**



ADITIONAL INFORMATION

o Add: 18 St, Hiep Binh Chanh ward, Thu Duc Dis, Ho Chi Minh City



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- Male
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SKILLS

Office

C/C++

Matlab

English

Team work

Problem

managemen

HOBBIES

- Technology passion, exploring.
- o Foodball, volleyball.