

# BUI HOANG MINH THONG

## EMBEDED SOFTWARE DEVELOPER



24/04/2000



Danang city, Vietnam



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## OBJECTIVE

My goal is to transition to a new work environment to challenge myself and advance my career. With knowledge in design and embedded programming accumulated from Thaco, despite my limited experience, I aspire to apply and learn from colleagues and managers at the new company, thereby becoming a proactive contributor to the company's development goals.

## EDUCATION

### Danang University of Science and Technology

2018 - 2022

Major: Mechatronic engineering

GPA: 2.68/4

## SKILL

English: TOEIC 610 Reading & Writing

Design electrical diagram by Proteus software

Embedded programming using C/ C++ 8 bit ECU

2D design by AutoCAD

Office information technology

Soft skills: team work, problem solving

## WORK EXPERIENCE

### Premo company Ltd

March, 2022

Graduation internship

- Responsibilities:
  - + Learn about Premo company
  - + Observe and learn about the RFID antenna production line
  - + Write a report about internship activities

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## Thaco Industries company

October 3, 2022 - Now

R&D engineer

- Project: Design 3D printed plastic weight scale
  - + Responsibilities:
    - Use Proteus for design electrical diagrams
    - Programming microcontroller PIC 16F877A on CCS C Compiler
    - Project using micro chip PIC 16F877A, loadcell and HX711
  - + Git: <https://github.com/urainight/Digital-scale.git>
- Project: Research robotic arm 4 DOFs pick items on the conveyor
  - + Responsibilities:
    - Research forward and reverse kinematics of robot
    - Programming microcontroller Arduino
    - Control conveyor speed
    - Project using board Arduino Mega, Driver DC motor BTS7960 and Driver stepper motor TB6560
  - + Git: <https://github.com/urainight/Robot.git>
- Project: AMR food transport
  - + Responsibilities:
    - Contact supplier for electrical equipment list
    - Make a BOM for electrical equipment