CURRICULUM VITAE

1. PERSONAL INFORMATION

Full name: HA THIEN QUANG   **Gender**: Male

Year of Birth: December 06th 1997

Marital status: Single

Address of home: Ho Chi Minh city

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2. PERSONAL CHARACTERISTICS

. Ability to work well independently and in groups with the high responsibility.

. Hard working, willingness to learn, logical thinking and good organization.

3. EDUCATION and WORKS

6/2022 – 2024 :   Embedded Software engineer at Samsung CE Complex

11/2021 – 5/2022:   Embedded Software engineer at GS E&C

10/2022 – now :   Freelancer at Upwork.

11/2019 – 4/2021 :   R&D Engineer at ADTECH Technology.

5/2019 –11/2019:   Mechatronics Engineer at Hyper-X Technologies JSC

9/2020 – 2023 :   Study Master's degree in Mechatronics at the Ho Chi Minh City University of Technical and Education.

2015 – 2019 :   Undergraduate student in Faculty for High Quality Training, Major in Mechatronic engineering - University of Technology and Education, HCMUTE **(GPA: 7.36/10)**

4. SKILLS

. Proficient C for Microcontroller.

. Software:

- Programming: MS Visual Studio, Git, u-Vision Keil, Matlab, Jira,..
- PCB: Altium
- Mechanical: SolidWorks, AutoCad.

. Facility with debugging skills.

. Ability to read specialized documents, verbal communication in English

. Project management skills

5. EXPERIENCES and PROJECTS

. Master thesis: Ball and plate system using LQR and Fuzzy-LQR algorithms

- Research about LQR and Fuzzy algorithms and design system.

. Bachelor thesis: Automation grafting machine

- Automate the process of grafting with machines, increasing productivity and quality in agriculture.

. Project at Hyper-X Technology company:

- Making a prototype for a self-driving car project.

. Project at ADTECH Technology company:(Hardware engineer)

- Robot 6 Axis Industrial.
- Robot Washing solar panel.
- System counting rice bag.

. Project at GS E&C: VGSI Elevator (Firmware engineer)

- Working with CANOpen Protocol.
- Working with module Carbin/Land panel indicator (CPI/ COP), LIOP

. Project at SamSung (Firmware engineer)

- Develop new models of monitor product
- Porting source code models and maintenance, fix issues.
- Business trip cooperate with HQ team.

. Freelancer: Embedded Freelancer

- Working as remote with customers from HK, India, US,UK, Aus, Comlobia,..
- Client relationship.
- Project management.

. Personal project: DIY Electric Motorbike:

- Turning a petrol bike into an electric bike
- Link: https://youtu.be/tkRuVq6IhSU

Ho Chi Minh City, 1. 16th. 2024.