

# VINH DO-HOANG

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## EDUCATION

### HoChiMinh city University of Technology

*Bachelor of Mechatronics Engineering*

- GPA: 8.13/10 – Honor program of Mechatronics Engineering

HoChiMinh, Vietnam

2017 – 2021

## EXPERIENCE

### Internship at Van Khanh Group

Jun - Aug, 2019

- Intern MEP Staff.
- Built MEP system for Wyndham Grand KN Paradise Cam Ranh construction.

### Internship at SHTP Training Center

Aug - Sep, 2020

- Research vision system and robot manipulator for my dissertation.

## PUBLICATIONS

Vinh Do, Vy Nguyen, Nam Trinh, Luat Nguyen, and Hanh Le

Automotive Car Using Neural Network.

- Research and simulation by using Python with Pygame library.

Jun 13th 2019

FMEAC2020, HCMUT

## EXTRACURRICULAR

### Attended Green Summer Campaign

2018

- Leader of third house.

### Application Facial Landmark Detection for Face Detection and Adding Sticker | Python

2020

- 2020 as the Year of Quarantine. With basic knowledge of Python and OpenCV, I started to find out dlib, deepfake, GAN, DL, and ML... I was curious to know what would add the sticker to photos that have a person's face with Python. I develop a FaceDetection using the Dlib library to add a sticker on the face.

### Application Homography Base 2D Visual Servoing for Picking Object | Python, PyQt5

Mar – Aug, 2021

- This is my Final Thesis of four-year in HCMUT. I was remade this project according to the dissertation of PFIEV Alumni of HCMUT.
- The algorithm Homography matrix and Visual Servoing applied into 6 Dof robotic arm. The robot was sponsored by Saigon Hi-Tech Park Training Center.

## SKILLS

### Technical Skills

**General:** Image Processing, Deep Learning, Mechatronic Engineering, Computer Vision, Robotics.

**Languages:** Python, C Language, Matlab, HTML, CSS, JavaScript.

**Frameworks:** Tensorflow, Keras, Django, Flask, NodeJs, React.

**Developer Tools:** Git, Visual Studio Code, Sublime Text, PyCharm, Jupyter Notebook, Google Colaboratory, Latex.

**Libraries:** Pandas, NumPy, Scikit-learn, OpenCV, Dlib.

### Soft Skills

Inspiring people – Friendliness – Humorous – Teamwork.

## HOBBIES

Play five-a-side football – Play video games – Music – Hangout with my friend