

# Nguyen Manh Duy

Hanoi, Vietnam

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## WORK EXPERIENCE

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### VTI VietNam

Apr 2020 - Present

*Senior AI Engineer*

- Face recognition - *team leader*

Work: Building a face recognition system for the automated recognition driver on Raspberry Pi 4 + NCS

- Smart TA - *team leader*:

Work: Building real-time face recognition system for the automated timekeeping on Linux device.

- Safety Platform PoC - *member*

Work: Labeling data and training model to detect and give warnings about unsafe behavior

*other:*

- Research and write proposals for customer's needs.

- Training for trainees and new AI employees.

- Presentation on AI technology solutions

EXP: SSD, Yolo, OpenCV, Dlib, Facenet, HOG ...

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### SAMSUNG VIETNAM MOBILE R&D CENTER

Jun 2018 - Apr 2020

*AI Engineer and MacOS developer*

- Segmatic and Deep estimate for mobile phone camera - *member*

Work: Labeling for Segmatic/Deep estimate dataset use active learning

- Join Samsung's new patent and innovation research team in 2019 - *member*

Work: Detects main object in video / picture on mobile phone

- Smart switch PC Mac - *member*

Work: maintenance

- Galaxy buds update firmware PC Mac - *member*

Work: Log collector

EXP: SSD, Yolo, OpenCV, Object tracking, Segmentation network, Depth estimation network, Active learning...

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### SAMSUNG VIETNAM MOBILE R&D CENTER

Mar 2018 - Jun 2018

*Internship of Samsung Talent Program*

- Apply machine learning and computer vision in factory to capture fault devices.

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### MISA

Nov 2017 - Mar 2018

*Internship*

- CUKCUK.VN restaurant management software

Work: Web developer.

Exp: C#, .Net, javascript...

## EDUCATION

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**HANOI UNIVERSITY OF INDUSTRY**

Sep 2014 - May 2018

*Major: Software Engineering*

GPA: 3/4

## HONORS & AWARDS

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### **Kaggle competitions**

- Participate in solving practical problems on the website kaggle.com
- Best achievement: Top 10%

### **Awards**

- Samsung Talent Program Scholarship
- Hanoi University of industry Scholarship at the 2nd semesters of the year 2017 - 2018

## SKILLS

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Language	English, VietNameese
IT	Python, AI/ML, Web service ...