**CURRICULUM VITAE**

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| **Position: Data scientist** | | |
| **Personal information** | Name: Nguyen Tuan Anh | Date of birth: Nov 02, 1981 |
|  | Professional qualifications :   * Phd Communications and Information technology – South China University of Technology * Master Computer Science | |
| **Current job** | Employer: | |
| **Company:**  Address: | |
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|  | Position: AI Leader | Years with present Employer: 2 years |

**PROFESSIONAL EXPERIENCE STATEMENT**

| **From** | **To** | **Company/Project/Position/Relevant professional and management experience** |
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| 2/2022 | Date | Company:  - Position: AI LEADER  - Project: Product appearance inspection, software called IVIS (Intelligent Visual Inspection System), has integrated inspection of up to 50 different types of products in one software. Some examples about:  **IVIS for Visual Inspection:**  + Check the appearance of the final product (Check if each type of product, the packaging is correct, the labeling is not deviated, there are enough labels, ...)  + Check the packaging process (Check if the worker's operation is correct or not, put enough components and accessories, ...)  + Check bonded with the volume (Check if the weight of each product matches the requirements, the weight of which MAC code, attached to which product, ...)  + Check the appearance for accuracy (Check whether the product is affixed with the correct type of label, components and accessories placed in the box are correct for that product, ...)  + Check the product function appearance (Check whether the light is working or not, the indicator light is correct with the function test scenario, the indicator light can be controlled, ...)  + Monitor and evaluate worker capacity (Supervise working workers, assess the speed of product completion, assess worker qualifications, assess the accuracy of worker manipulations compared to SOP, .. .)  + Security monitoring of prohibited areas (Monitoring prohibited areas by camera and alerting to enforcement devices)  + Product quality inspection (Checking for defects in appearance and counting the number of products and components while running on the line)  - …  **KYC related projects:**  - Fingerprint recognition via Camera (Image processing and multiple fingerprint recognition through phone camera images)  - Voice recognition (speech classification, distinguishing between different people through voice)  - Face recognition (regular face or wearing mask, eyeglasses)  T**ools and managements:**  - Material management system (material information management, material ordering management, material supply)  - Support systems to optimize PM's data forecasting process  - Management systems and analysis of product log systems and product errors  - Lean management project to manage production origins  - Responsibility:  + Lead team,  + System design,  + Project documentation,  + Task assignment of members,  + Main coding person,  + Integration of members' small projects to form an AI bonded inspection system  - Technology: Using Python, Tkinter, Yolo to create bond recognition software, in addition, full-stack code using Flask |
| **9/2016** | **12/2019** | Company: **GRG Banking Equipment Co., Ltd. Guangzhou, China**  - Position: AI R&D  - Project:  + R&D on fingerprint recognition for time attendance system  + R&D on Object Detection for ATM anomaly recognition system  + R&D on Object Checking for subway automatic entrance and exit tracking system  - Responsibility:  + Programming and data processing skills  + Research and technical problem solving skills  + Knowledge of Computer Vision and Machine Learning  + Experience in developing object recognition and tracking systems  + Use popular libraries and frameworks like OpenCV, TensorFlow, PyTorch, and Keras  + Ability to work independently and in a team, communication, and presentation skills, …  - Technology: python, ETL, Keras… |
| **9/2016** | **12/2019** | Company: South China University of Technology, Guangzhou, China  - Position: PhD. RESEARCHER  - Project:  + PhD student in the field of Speech Recognition  + Research other areas: related to Speech, Image and Deep Learning.  + Publish 11 scientific research articles (https://scholar.google.com.vn/citations?user=BWPlNxkAAAAJ)  - Responsibility:  + Research |
| **7/2005** | **12/2022** | Company: Thai Nguyen University of Technology, Vietnam  - Position: University Lecturer  - Project: Teaching about Computer Engineering  - Responsibility: Teaching subjects related to hardware, software, embedded software and AI. |