

# HELLO!

Here's my resume!

1998



MY NAME IS

DOAN QUANG ANH

IF I SHOULD DESCRIBE MYSELF IN 3 WORDS



FLEXIBLE



RESPONSIBLE



AMBITIOUS

I HAVE  
SOME  
SKILLS



PYTHON, PYTORCH, ML



C#, .NET, WINFORMS, WPF



OPENCV, PLC KEYENCE



REACTJS, NEXTJS, REST API



FIGMA, BLENDER



TEAM LEAD



ENGLISH



SELF LEARNING

CONTACT ME



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<https://lucasdoan.dev/>



[github.com/quanganh2302](https://github.com/quanganh2302)

# WORK EXPERIENCE

## SW/DEVELOPMENT ENGINEER

**DYNAMIC JSC** | 2024 - Now

### High-Precision Laser Scanning Application

- Built a WPF & Winforms application to collect point-by-point data from sensors and stitch it into large datasets in real time.
- Designed the system using MVVM.
- Integrated sensor and controller SDKs to synchronize trigger and scan operations within a complete measurement workflow.
- Designed multi-threaded architecture for real-time data acquisition, processing, and UI rendering.

☆ The software and measurement system are trusted by major customers such as **Samsung** and a big tech company in the **United States**.

### Lead the electrical & software teams

- Led a team of 10 members.
- Worked with clients and management to clarify project requirements.
- Built modular structures for PLC Keyence and C# applications.
- Defined clear Git-based processes for code storage and management

### Automation System Application

- Designed a complete measurement system compliant with Samsung's EHS standards.
- Designed control software using Winforms for 1- 4-axis motion system
- Applied OpenCV and Python to develop computer vision solutions for inspection and measurement in automated production systems.

## AUTOMATION ENGINEER

**WELDCOM INDUSTRY** | 2024

### SI/SO production line of Vinfast Hai Phong

- Work with PLC S7 1500 to design automation system.
- Supervise the quality and progress of PLC system installation.

### Body shop Vinfast India project

- Design safety concept measures based on SICAR standards.
- Defend the company's design to the client.
- Check the quality of reused equipment for Body shop of Vinfast India.

## FRONTEND DEVELOPER

**TECHSO** | 2023

### Frontend Developer (ReactJS, Next.js)

- Developed responsive web interfaces using React, Next.js and TypeScript, Nodejs.
- Managed application state using Redux/Context API, integrated RESTful APIs with Axios.
- Collaborated using Git-based workflows (feature branches, pull requests, code reviews).
- Design UI/UX interfaces using figma.
- Created interactive UI components with Material-UI, Ant design, Bootstrap, Tailwind, ShadcnUI, ...

## ELECTRICAL ENGINEER

**SOLAR VIETNAM** | 2021 - 2022

### Design solar power project in Binh Phuoc

- Design CAD drawings and supervise construction of solar rooftop.
- Provide guidance to the team for the operation of solar systems.

# HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

Major : Electrical and Electronics Engineering \_ Bachelor

## EDUCATION

(2016-2021)

## SELF EDUCATED

**PYTHON AI & ML – UNIVERSITY    C#/.NET BACKEND – UDEMY**  
**DATA ANALYSIS – UNIVERSITY    COMPUTER VISION – UDEMY**

## MY ACTIVITIES

- Led the team as the main point of contact for the **VIMF** exhibition, coordinating all internal and customer-related preparations.
- Led a team in overseas training sessions and supported machine delivery for international customers and debug onsite.
- Organized social activities and football matches to strengthen team spirit and collaboration.
- Designed business cards, ID badges, and event banners for company.
- Currently learning a **Master's degree in Computer Science** at **VNU** and participating in a data analysis–related laboratory.

## INTEREST



READING



RUNNING



DRAWING



GAMING



MUSIC

# THANKS FOR READING !