

# PHAN VAN MANH

MECHANICAL ENGINEER

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<https://manhpv0211.github.io>

## ABOUT ME

Hello, my name is Phan Van Manh, 30 years old — a Mechanical Engineer with over 5 years of experience in automated machine design. I am a self-disciplined, proactive, and fast-learning individual with a strong sense of responsibility. With my current skill set, I am confident in my ability to meet and exceed the requirements and expectations of the company.

## EDUCATION

2011-2014

**LE XOAY HIGH SCHOOL**  
Address: Vinh Tuong, Vinh Phuc

2014-2019

**HA NOI UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
Address: Hai Ba Trung, Ha Noi

BACHELOR OF MECHANICAL ENGINEERING

Good Academic Standing

## WORK EXPERIENCE

Feb-2019 - Jun-2019

**BKAV CORPORATION**  
*Intern*

Understand the operating principles of two-plate and three-plate plastic injection molds.

Trained in 5S methodology in a manufacturing environment.

Participated in the design of molds for mobile phone power buttons.

Used Siemens NX to create a library of commonly used components for mold design.

Gained hands-on experience with 5S methodology and industrial working practices in a manufacturing factory.

Designing several tools for inserting threaded inserts into plastic parts.

2020 - Present

**ARION AUTOMATION**  
*Senior / Mechanical Engineer*

Designed and proposed concepts for automated machine mechanisms to meet customer requirements.

Designed jigs and fixtures for machining, laser engraving, inspection, etc.

Reconstructed 3D models of entire production lines or machine assemblies from 2D data to support machine improvement and modification processes.

Reverse-engineered and modeled products...

- WORK EXPERIENCE**
- ... (including plastic parts and mechanical components) according to requirements.
  - Prepared assembly drawings to support machine assembly and inspection processes.
  - Created parts lists for purchased components and fabricated parts.
  - Developed pneumatic circuit diagrams to illustrate the operating sequences of actuators in automated machines.
  - Possess knowledge of engineering tolerances, commonly used materials, and basic manufacturing processes.
  - Understand the selection calculations and operating principles of commonly used automation components such as ROBO Cylinder, pneumatic cylinders, sensors, etc.
  - Additionally, developed a high level of attention to detail, along with strong teamwork, independent working skills, and effective communication and coordination abilities to successfully complete tasks.

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<b>SKILLS</b>	ICAD/SX	
	AUTO CAD	
	SOLID WORKS, INVENTOR, SIEMENS NX	
	MICROSOFT OFFICE	

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<b>LANGUAGES</b>	ENGLISH	
	JAPANESE	

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<b>HOBBIES</b>	Learning about new technologies	Travelling
	Reading books	Listening to music
	Playing sports	...

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**REFERENCE**

Some of the drawings I have completed are available at the following link(s). Please copy and paste the link into Google to view the drawings:

<https://github.com/ManhPV0211/mot-so-ban-ve-tham-khao>