



HI, EVERYONE! MY NAME IS

# Le Duc Truyen

Introduction session

Hi again! I'm  
Le Duc Truyen

from National  
Tsing Hua  
University



“To move forward you need to leave something behind”  
Interstellar Quote inspired by Newton's third law





# Fun Facts About Me

## **I LIKE MATHS NOT PHYSICS**

Despite of being a theoretical physics student, what I am interested is Mathematics in Physics, not “real” Physics :V

## **DONT ASK ME WHERE'S MY HOMETOWN**

I have gone through many places since I was not born out

## **BE AFRAID NOTHING BUT WORM**

I am afraid of their having many legs and soft skin as well as mindless

## **CANNOT DISCRIMINATE LEFT AND RIGHT**

I use my palm lines to break this parity symmetry in my head



# Where I am



**Currently, I am living in Ho Chi Minh city**

My hometown flow: Da Nang - Kien Giang - Nha Trang - Ho Chi Minh city

# Where I've Worked

A quick history of the Education I've been

**2016-2020**

VNU-University of Science

Bachelor degree



**2020-2022**

Phenikaa University

Research Intern



**2022-2024**

National Tsing Hua University

Master degree



# What Topics Keeps Me Interested

Research topics



## HIGH ENERGY PHYSIC

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- Building Beyond Standard Model
- Dark Matter and Anomalies
- Computational application for High Energy Physics

## QUANTUM COMPUTATION AND QUANTUM INFORMATION

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- Quantum algorithms and software, specifically applying for High Energy Physics
- Black Hole Quantum Information
- Quantum AI
- Quantum Optimization and Simulation

# What I Do During My Free Time

Things that keep me occupied usually on weekends

## TRAVELING

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## READING BOOK

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Philosophy, History, Skills,  
Mythology, Tourism, Cooking

## MUSICS

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Listen and play  
musical instruments

## BOARD GAME

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Play, analyse and create  
a new board game



## SPORT

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Soccer, Baminton,  
Swimming, Ping pong

## WACHING MOVIE

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Film criticism





# What if I quit physics

**START UP A ICE CREAM  
FACTORY**

**BECOME A DEVELOPER**

**BECOME A HIGH SCHOOL  
TUTOR OR STEM TEACHER**

**HISTORY, MYTHOLOGY  
AND TRAVELING BLOGGER**



# Looking forward to meeting everyone!

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Also, thank organizers for the wonderful school

