

# Nguyen Quoc Anh

Software engineer

SE211043

## INTRODUCTION

- I have a prior 5 years exposure to computer science
- I have a strong passion for maths and computer science
- I aim to be an open-minded, and love to working with like-minded individuals, i hope we have a joyful time collaborating together
- In the future, I'm looking forward to researching, making breakthroughs in the technical aspect of the game industry

## CONTACT

**Phone:** 0789 84 9037

**Email:** mercedecpeek502@gmail.com

**Git:** <https://github.com/quocalh> (most projects are hidden)

## BACKGROUND

### Lam Son secondary school

- 8th-grade competitive programming competition (district, city-level) – Pascal

### Mac Dinh Chi high school

- Getting in touch with basic C++
- Working with graphic pipelines (PyGame | PyOpenGL) to create working graphic demos, prototypes (e.g. oceanography, bump maps, projection maths).
- Creating a semi-functional 2D physics engine, create a voxel engine with Python
- Learning maths

### FPT University (pre-major)

- Studying on legacy code designing patterns (e.g. ECS design)
- Learning maths (calculus 1, 2, 3, linear algebra)
- Leetcode in free time

## VISION

### FPT University

#### 2025 (pre-major)

- Paying high attention on mathematics (linear algebra, ODE), along with software design patterns and computer graphic.

#### 2026

- Applying to Game Development Faculty of F-Code, getting in touch with Unity for the first time
- Spending time guiding, supervising the club's newcomers
- Continuing to study maths and physics

#### 2027

- Working together to publish the first paper, making a contribution into the industry
- Inspiring, continuing to guiding newcomers sharing the same passion with mine

#### 2028 – graduation

- Working on advanced technical aspect of graphic and system architecture
- Studying and publishing more technical papers
- Designing club events, along with supervising sophomores, freshmen

#### Post-graduation

- Applying to graduate school, aiming for a Master degree
- After gaining some exposure in the field, applying again for a PhD program
- Employed as a graphical researcher in the field, nurturing a generation of spearhead in the Vietnamese game's industry

## CERTIFICATES

IELTS 7.5 (C1)

## HOBBY

Gaming (non-competitive games)  
Talking

## SKILLS

Python  
Maths  
Collaborating / communicating