



Luc Nguyen Van

General information

- June 05th, 1999
- 210 Doi Can St, Ba Dinh, Hanoi, Vietnam
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About Me

I am currently a computer science student. Being interested in mathematics and programming, I love researching computer algorithms. The algorithmic thinking helps me solve problems, not only in computer science and mathematics, but also in real life, more critically and efficiently. Our life would be better and more convenient with better methods and resolutions. Therefore, I enjoy researching algorithms.

Languages

- Vietnamese ● ● ● ● ●
- English ● ● ● ● ●

Background

- Graph theory ● ● ● ● ●
- Combinatorics ● ● ● ● ●
- Computer Science ● ● ● ● ●

Technical skills

- Linux ● ● ● ● ●
- C/C++ ● ● ● ● ●
- Java/Python ● ● ● ● ●
- NodeJS ● ● ● ● ●
- LaTeX ● ● ● ● ●
- Photography ● ● ● ● ●

Education

- 2017-2023 **Computer Science student**
Hanoi University of Science and Technology
Major GPA **3.46/4.0**
- Autumn 2020 **Exchange student at Uppsala University, Sweden**

Awards and honors

- 2020 One of four Erasmus-Mundus Scholarship 2020 for exchange student, worth 145 millions VND
- 2019 Mini-course: Essential Mathematics and Computing for Data Science, Vietnam Institute for Advanced Study in Mathematics

Research experiences

- Locally-constrained de Bruijn code enumeration in C++: in preparation of publication.
- Dyck Path enumerations: enumeration with customized height of up, down steps, and bounded running height.

Teaching experiences

- Fall 2021 **Introduction to Computer Science** Hanoi University of Science and Technology
Primary teaching assistant of two classes during office hours and lab sections. Prepared lectures, graded assignments and gave weekly feedback.
Volume: 60 hours, enrollments: 80 students.
- Fall 2021 **C advanced: Programming techniques** Hanoi University of Science and Technology
Primary teaching assistant of a class during office hours and lab sections. Prepared exercises, graded assignments and gave weekly feedback.
Volume: 30 hours, enrollments: 50 students.

Working experiences

- Apr 2022 - Present **C++ Software Engineer OJT** Toshiba Software Development Vietnam
- Mar 2021 - Sep 2021 **Machine Learning Engineer** Eastgate Software JSC

Social activities

- 2017-2023: Seven-time key member and organizer of "Future career talk show" (An annual warmly talk between high school and university students)
- Member of Volunteer team 10/1985 - Student Union, Hanoi University of Science and Technology. Volunteer at Hanoi Math Open Day. Volunteer at University Entrance Examinations in local high school during 2018-2022.

Interests

- Research and contribute to fields of Algorithm, Combinatorics and Mathematics.
- Connect with people from other cultures and the world

Future goals

- Become a computer scientist
- Become a globally effective researcher and contributor
- Learn several more languages

References

- Thuan Do Phan** Associate Professor, Faculty of Computer Science.
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- Van Khu Vu** Senior researcher, lecturer in Computer Engineering.
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