

Hoang Vu Duy Anh

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SUMMARY

Algorithms, Data Structures, Competitive Programming

EDUCATION

- **Vinh Phuc High School for gifted students** Aug. 2015 - May. 2018
 - *Informatics specialization class.*
- **University of Engineering and Technology - Vietnam National University** Aug. 2018
 - *Bachelor of Information Technology.*
 - Expected 2022.

ACHIEVEMENTS & AWARDS

- **Silver Medal in the Competition for excellent students of major high schools in the Northern delta and Coastal areas** 2016
- **Second prizes in the Vietnam Olympiad in Informatics** 2017, 2018
 - An annual programming contest held by the Ministry of Education and Training of Vietnam for Vietnamese high-school students.
 - Top 32 will be advanced to Team Selection Test.
- **Ranked 25th in Team Selection Test** 2018
 - The preliminary contest for choosing representatives for the Asia-Pacific Informatics Olympiad (APIO) and the International Olympiad in Informatics (IOI).
- **Top 10 in ICPC National Programming Contest** 2018
 - Competed in a team of three to solve 10-12 algorithmic problems in five hours contest using C++ / Java.
- **Top 30 in ICPC Hanoi Asia Regional Programming Contest** 2018
- **Top 500 in Google Hash Code qualification round** 2020

SKILLS & EXPERTISE

- **Algorithms:** Good at graph theories, data structures, and dynamic programming.
- **Languages:** Good at C++. Familiar with Java, Pascal, C, HTML, JavaScript, Python
- **Softwares:** MS SQL Server, Git, Visual Studio

PROJECTS

- **Ball** 2019
 - A simple 2D game using SDL2. Github: <https://github.com/hoangvuduyanh/Ball>.
- **Tower Defense** 2020
 - Group project in Object-oriented programming course
 - A simple game using JavaFX. Github: <https://github.com/hoangvuduyanh/Tower-Defense>.

ACTIVITIES

Taught algorithm for Vinh Phuc High School for the Gifted for the Vietnamese National Olympiad in Informatics 2018 - Present