

Tran Duc Manh

Email: ducmanh.tran2904@gmail.com

GitHub: <https://github.com/thevuong8000>

Mobile:

Portfolio: <https://thevuong8000.github.io/>

- VN: +84 33 758 3916
 - US: +1 413 433 7018
-

Education:

1. *Marie Curie Secondary School*: **Mathematics class**(2012 - 2016).
2. *High School for Gifted Students*: **Mathematics class**(2016 - 2019)
 - GPA: 9.3/10.
 - Top 5% highest math score for every semester.
3. *University of Massachusetts - UMASS Amherst*: Major in **Computer Science**(Sep 2019 - May 2023).
 - Accumulated GPA: 3.716

Experience:

1. **Co-leader of HSGS Code Camp** - a nonprofit organization - Prepared materials and lesson plans to teach fundamental informatics for 6 classes of 300 students.

Awards:

1. Top 3 in *UMASS - ACM Competition* 2019.
2. Leetcode rating: **2237** with *63% Acceptance Rate*.
3. **Golden Award** in Hanoi Mathematics competition - 2016.

Activities:

1. **Hanoi Enigma Competition** - Learn and work with applied Mathematics.
2. **3rd place in HSGS Hackathon** - Designed website with nodeJS and reactJS.
3. **VandyHacks Summer Edition 2020**
 - Create Essay Helper app: Improve essays with better word choices.
4. **Art Hackathon** - Tradition meets the Future - sponsored by *Facebook Developers Circle Hanoi* and *IVINA HUB*.
 - Create an adventure game blended with Han Nom character to intensify young generation's awareness of Han Nom.

Personal Project:

1. **Pathfinding Visualizer**: <https://thevuong8000.github.io/pathfinding-visualize/>
 - A project builds with tons of pathfinding algorithms (BFS, DFS, Dijkstra, A*) and implemented with reactJS.
2. **COVID 19 Tracker** with reactJS: <https://thevuong8000.github.io/covid19-tracker/>
3. **Auto bot** collecting data(amazon product's price, Leetcode unsolved problems, Facebook friends' information - gender, age, etc)
4. **Face and motion detection** with OpenCV python.