Tran Duc Manh

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GitHub: https://github.com/thevuong8000

Portfolio Website: https://thevuong8000.github.io/

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. *UMASS Amherst - University of Massachusets*: Major in **Computer Science**(Sep 2019 - May 2023).
   - Accumulated GPA: 3.7

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. Golden Award in Hanoi Mathematics competition - 2016.
3. Consolation Prize - Informatics Competition for Gifted Students Northern Delta and Coastal Areas - 2017.

Digital Certificates:

1. Python, JavaScript and HTML & CSS by OneMonth.
2. AI for everyone by Andrew Ng from Stanford - through Coursera.

Activities:

1. **Hanoi Enigma Competition** - Learn and work with applied Mathematics.
2. **3rd place** in **HSGS Hackathon** - Designed website with nodeJS and reactJS.
3. **HackUMass VII** - one of the premier hackathons in the Northeast.
4. **VandyHacks Summer Edition 2020**
   - Create Essay Helper app: Improve essays with better word choices.
5. **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. **Face and motion detection** with OpenCV python.
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. Experienced in **Data Structure**(Linked List, Tree, Graph, Binary Search Tree, Priority Queue, Stack, etc…).