Phuc (Jack) Le

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Junior at Cypress Woods High School

Education

Cypress Woods High School (Cypress, TX : August 2018 - June 2022)
- **GPA:** 6.800/6.000
- **Class Rank:** 12/768
- **Coursework with scores where applicable:** Computer Science AP A (5), Physics I AP (5), Physics II AP/Dual, Chemistry AP/Dual, Human Geography AP (4), World History AP (5), English Language & Composition AP
- **Standardized Testing:**
    - **SAT**: March 2021 - **1600** (800 Math, 800 Reading)
    - **PSAT**: January 2021 - **1480** (760 Math, 720 Reading)

Experience

Coding Languages:
- **Proficient:** Java, Python
- **Familiar:** JavaScript, C++, C#, HTML/CSS, Git

Languages: Fluent in English, Conversational proficiency in Vietnamese
Experience: Microsoft Office Suite, Basic knowledge of Machine Learning

Projects

Cube Racer (Cypress, TX : January 2021)
- Using Unity and C#, I created an original game where the player controls a cube, which is traveling down an infinite pathway, dodging obstacles in the process. More information can be found here: [CubeRacer](#).

Guitar Hero Project (Cypress, TX : January 2021)
- Using Java, I recreated the popular *Guitar Hero* game. Players can either manually play notes or let the computer play it automatically. More information can be found here: [GuitarHero](#).

Tag Cloud Project (Cypress, TX : November 2020)
- Using Java, my partner and I created a program that scrapes the HTML of any website given and generates a word cloud based on its contents. More information can be found here: [TagCloud](#).

Activities

Computer Science Club (Member : 2018 - Present)
- In the club, I learn data algorithms and strategies from my seniors, and regularly compete in various regional competitions, as well as in the statewide UIL meets. I also occasionally help teach newer members concepts that I have learned.

Science Olympiad Club (Member: 2019 - Present)
- I studied various topics relating to Science Olympiad events and used what I learned to compete at regional competitions. At these competitions, I mainly focused on events relating to biology and Computer Science.

Interact Club (Former Event Coordinator : 2018 - Present)
- I volunteered at service projects in the local community. As event coordinator, I was responsible for finding these projects and events, communicating to the volunteer coordinators, and sharing the events with our members.

Math Club (Member : 2019 - Present)
- I learned new math concepts and applied them to competitive mathematics, including UIL and the AMC.

Cinema Club (Co-Founder, Treasurer : 2020 - Present)
- We watched movies and analyzed the technical aspects of filmmaking, such as the effect of Computer-generated Imagery (CGI), lighting, and more. As club treasurer, I was in charge of the club's financial account and expenditures.

Honors

- UIL Computer Science Team (2018 - Present): won awards are local meets, alternate for state champion team.
- United States of America Computing Olympiad (2021): Silver division .
- HP Code Wars (2020 - 2021): placed in the top 10 of over 250 teams.
- Lockheed CodeQuest (2021): placed in the top 5 in a highly competitive local competition.
- Kattis (2020 - 2021): Top 30 in Texas.