

NAM VU

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EDUCATION

2021 – Present	FRANKLIN AND MARSHALL COLLEGE <i>Candidate for Bachelor of Arts in Computer Science and Business Cumulative</i> <ul style="list-style-type: none">▪ Cumulative GPA: 3.93, Major GPA: 4.00 – Honors List▪ First prize in Google Developer Student Club's Coding competition▪ Expected graduation: May 2025	Lancaster, PA
2018 - 2021	FOREIGN LANGUAGE SPECIALIZED SCHOOL (FLSS) <i>English-specialized class student, ranks 3rd in National gifted high school in Vietnam</i> <ul style="list-style-type: none">▪ Cumulative GPA: 3.7▪ Third prize in Hoan Kiem District English Municipal Competition (2017)▪ Honorable mention in Hoan Kiem District English Municipal Competition (2018)▪ Graduated in May 2021	Hanoi City, Vietnam

PERSONAL PROJECT

2022	<u>FLY-WORLD GAME (JAVA)</u> <ul style="list-style-type: none">▪ Academic project to instantiate a fly-moving game in a grid board▪ Applied polymorphism and data structure to create grid board and enemies to eat the fly▪ Developed different moving patterns for the predators and the fly, working on reducing time/space complexity in the future	Lancaster, PA
2022	<u>MAZE-SOLVING PROJECT (JAVA)</u> <ul style="list-style-type: none">▪ Collaborated with peers to initialize a visual representation of a maze based on user input text file▪ Applied Object-Oriented programming methods to develop maze-solving path▪ Future goal: initiate obstacles, player and generate movement for player	Lancaster, PA
2022	<u>HAPPY NUMBER DENSITY CALCULATOR (PYTHON)</u> <ul style="list-style-type: none">▪ Assisted professor on finding potential implications of Happy Number by creating representative graphs and performing number tests.▪ Devised python function to iterate over large numbers to find the density of Happy Number in different base, sped up the anticipated progress by 2 weeks▪ Synthesized collected data by using Latex on Overleaf for future publication	Lancaster, PA

EXTRACURRICULAR EXPERIENCE

2021 – Present	FRANKLIN & MARSHALL COLLEGE <i>Core member, Google Developer Student Club (GDSC)</i> <ul style="list-style-type: none">▪ Coordinated with four students in building the front-end of the “Meal plan app” which keep track of F&M students’ meal plans▪ Trained and supervised five undergraduates on python and java▪ Devised strategies for broadening the club’s size by brainstorming future projects and improving the club’s services	Lancaster, PA
2021 – Present	FRANKLIN & MARSHALL COLLEGE <i>International Dean's Assistant, F&M Office of Admission</i> <ul style="list-style-type: none">▪ Synthesized and provided information about F&M programs to prospective students through email and interview▪ Sharpened communication and organizational skills through training with professional F&M admission officers▪ Coordinated and helped execute meetings with admission officers to determine admissibility for prospective students	Lancaster, PA
2022 - Present	FRANKLIN AND MARSHALL COLLEGE <i>Student representative, Curriculum Subcommittee, F&M Diplomatic Congress</i> <ul style="list-style-type: none">▪ Analyzed and synthesized F&M study programs’ strengths and weaknesses to plan for innovation to accommodate for smaller incoming cohort▪ Performed the initial review of course proposals submitted through departments and programs, in accordance with the rules and guidelines established by the faculty	Lancaster, PA

SKILLS AND INTEREST

- Programming Language: Java, Python, Flutter, HTML & CSS
- Language: Fluent in English and Vietnamese
- Software: Latex, Word, Excel, PowerPoint
- Other interests: Playing chess and piano, Solving Rubik cubes, Reading books, Creative writing