

An Hoang Tiet

Annandale, Virginia | (571)523-9951 | tiet.a0817@gmail.com |

EDUCATION

University of Virginia

August 2024 - May 2028

- ❖ School of Engineering and Applied Science: B.S. Electrical Engineering, Minor in Applied Mathematics
 - ❖ Relevant Coursework: Ordinary Differential Equations, Multivariable Calculus, Linear Algebra
 - ❖ Cumulative GPA: 3.99/4.0
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RELEVANT SKILLS

Languages: Elementary Proficiency in Vietnamese

Skills: Microsoft Office Suite, Fusion 360/CAD, MATLAB, Python

WORK/INTERNSHIP EXPERIENCE

NASA Proposal Writing and Evaluation Experience | Charlottesville, Virginia

January 2025 - May 2025

Project Manager / Researcher

- ❖ Researched spacecraft avionics systems to assess methods for reducing electronic stress and breakdown
- ❖ Led team of 8 to draft technical proposal submitted to NASA Marshall Space Flight Center
- ❖ Scheduled weekly meetings, coordinated task distribution, and managed document organization

Energy Science Nanotechnology and Imagination Lab | Charlottesville, Virginia

May 2025 - Present

Undergraduate Student Researcher

- ❖ Built a Python script to automate filtering of 10,000+ research articles, improving data collection efficiency by 50%
 - ❖ Implemented Support Vector Regression (SVR) and Decision Tree models to predict experimental band gaps from material features
 - ❖ Designed a multi-trial feature selection system using Pandas to identify top 10 parameters across 850×170 dataset
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LEADERSHIP/ACTIVITIES

Boy Scouts of America | Fairfax, Virginia

December 2021 - August 2024

Crew Vice President, Philmont Crew Chief

December 2023 - August 2024

- ❖ Planned and executed 5+ biweekly meetings, teaching skills on professional development
- ❖ Collaborated with crew members to plan activities during the year
- ❖ Organized and prepared equipment for each preparatory hike, fostering personal development for participants

Vietnamese Student Association | Charlottesville, Virginia

August 2024 - Present

Culture Chair

April 2025 - Present

- ❖ Lead cultural programming by coordinating with 15+ executive board members to plan and execute large-scale events
- ❖ Build cross-cultural partnerships with 5+ student organizations to ensure the visibility and impact of VSA's cultural showcases
- ❖ Oversee event logistics, creative direction, and volunteer coordination for high-attendance cultural initiatives

Culture Intern

January 2025 - April 2025

- ❖ Managed the planning and execution of a major cultural event featuring 80+ student performers and drawing an audience of 300+
 - ❖ Developed and maintained event schedules, coordinated rehearsals, and ensured smooth day-of operations
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AWARDS AND HONORS

Dominion Energy Educational Equity Scholarship (\$10000)

Awarded Summer 2025

National STEM Excellence Scholarship (\$10000)

Awarded Summer 2025

Kimmy Duong Diamond Scholarship (\$3000)

Awarded Summer 2025