

Isabella Tuong Vi Nguyen

(716) 260-4204 • itnguyen@buffalo.edu

EDUCATION

University at Buffalo, The State University of New York

Bachelor of Science, Electrical Engineering, Expected May 2025

- Dean's List Fall 2021, GPA 3.569/4.0

RELEVANT COURSE WORK

- Completed: EAS 199- Engineering Principles, EAS 202- Impact on Society, EE178- Digital Principles
- In Progress: EAS 230- Engineering Computations, EE 202- Circuit Analysis

WORK EXPERIENCES

Engineering Intern, eSimplicity

Silver Springs, MD

Electrical Engineering Intern

July 2021-Present

- Researched contract vehicles/opportunities using GovWin, SAM, and Google and log/update them onto the following Trello Board.
- Sent out weekly correspondence containing updates regarding important changes and information on contract vehicles, opportunities, and telecommunication team meeting minutes.
- Attended team meetings and communicated with other team members on different tasks as well as present work done in the previous week.
- Strengthened abilities in vocabulary, engineering systems, and MATLAB through research, Udemy courses, and previous Excel documents.

LEADERSHIP ACTIVITIES

Vietnamese Student Association

Buffalo, NY

Treasurer

August 2022 - Present

- Created and updated an Excel document to keep track of all purchases made through academic year
- Filled out requests for funding and permits required for each event in a timely manner.
- Designed promotional material such as tri-fold boards and virtual materials.
- Communicated efficiently with other e-board members to create new engaging club events each week as well as corresponded with the UB Student Association to quickly resolve problems.

ACADEMIC PROJECTS

Wind Turbine Design

Member

September 2021-November 2021

- Worked with other team members and researched different factors that would affect turbine speed such as blade length, blade material, number of motors, etc.
- Tested different turbine designs to configure the best possible outcome by analyzing results of research.
- Created and presented a PowerPoint that included data such as turbine design, speed, and cost with my team to a panel of university officials including professors, teaching assistants, and special guests.
- Received the "People's Choice" turbine design award for the turbine design.

SKILLS

Computer Skills: Microsoft Excel, Microsoft PowerPoint, Microsoft Word

Programming Languages: Knowledge of MATLAB

Languages: English and Vietnamese