

# TÔN PHẠM THỤY VŨ (Emilia)

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## EDUCATION

**New Jersey Institute of Technology**  
*BS in Human Computer Interaction*

**Newark, New Jersey**  
**GPA: 3.59/4.00**

**September 2018 – Present**  
*Expected Graduation: May 2022*

**HONORS:** American Institute of Chemical Engineers (AIChE) North Jersey Section 2020 Ralph Cohen/Oden Knight Award, AIChE 2018-2019 Freshman Recognition Award, Dean's list, NJIT Academic Scholarship Award.

## LEADERSHIP

**NJIT AIChE Student Chapter**  
*President*

**December 2019 – August 2020**

- Built and established professional connections with sponsors, alumni, and keynote speakers.
- Contacted and liaised with external companies regarding sponsorship potentials.
- Influenced a 30% increase in membership participation in weekly meetings and sub-committees.

**NJIT AIChE Student Chapter**  
*Treasurer*

**March 2019 – December 2019**

- Managed \$10,000 budget and distributed funds for organization weekly meetings.
- Organized NJIT's "1<sup>st</sup> Annual Chemical Engineering Networking Night".
- Coordinated a trip for 14 students to the AIChE 2019 Annual Student Conference in Orlando, FL.
- Led a fundraising local store that generated 40% profit by managing inventory to ensure smooth operation.

## EXPERIENCE

**NJIT Leadership & iSTEAM for Females in Elementary Schools (LiFE) Program**  
*Administration Assistance*

**January 2019 – August 2020**

- Coordinated meetings and contacts with participating schools.
- Served as a role model and a college mentor to LiFE club members.
- Assisted with various office and communications tasks including document preparation and social media management.

**IBM Discover Engineering**  
*College Mentor*

**February 2019 – August 2020**

- Shared personal experience to inspire New Jersey high school students as a woman in STEM.
- Collaborated with staffs from IBM to create motivating activities that target students from ethnic-minority backgrounds.

**HighlanderThon**  
*Fundraising Volunteer*

**February 2019 – May 2020**

- Volunteered as a fundraiser for 2019 HighlanderThon, a charity event to help providing financial and emotional support for the children and families treated at Children's Specialized Hospital.
- Utilized multiple social media platforms to promote the program and raise \$200 of donation.
- Participated in a 12-hour-long, non-stop dance marathon with the patients from Children's Specialized Hospital.

**NJIT Membrane Solvent Extraction Laboratory**  
*Undergraduate Research Assistant*

**October 2019 – May 2020**

- Assisted with the study of membrane-based solvent extraction technology through a scale-down flow system.
- Managed, recorded the flow system's changes in pressure and flowrates and calculated the breakthrough points.
- Measured surface tension and interfacial tension of different liquids used during the experiment.

## PROJECT

**NJIT ChemE Car Team**  
*Member*

**September 2019 – August 2020**

- Improved system balance and vehicle direction control by modifying and testing different car designs.
- Optimized hydrogen fuel cell battery to increase performance and operating speed by 10%.
- Delivered a presentation on team's design results with a demonstration on the design and model.

## TECHNICAL SKILLS

- MS Office (Word, Excel, PowerPoint, Visio...).
- C++, Python, HTML/CSS, MATLAB, Pascal.

## LANGUAGES

- English: fluent, C1/C2 level on CEFR scale.
- German: beginner, A1 level on CEFR scale.