

# PATRICIA YANG

(224) 209-7841 | patricia.yang.ug@dartmouth.edu | linkedin.com/in/yang-patricia

## EDUCATION

---

**Dartmouth College, Hanover, NH**

**Master of Engineering, June 2026**

**Dartmouth College, Hanover, NH**

**Bachelor of Engineering, June 2026**

- *Major:* Biomedical Engineering
- *Relevant Coursework:* Digital Electronics, Statistical Methods, Biomedical Engineering

**Colby College, Waterville, ME**

**Bachelor of Arts, May 2025**

- *Major:* Computer Science and Physics
- *Relevant Coursework:* Data Analysis and Visualization, Data Structures & Algorithms
- *Awards:* Ralph J. Bunche Scholar, Dean's List (Fall 2021, Spring 2022)

## PROFESSIONAL EXPERIENCE

---

**Lunar New Year Events Coordinator, Colby College**

**September 2024–May 2025**

- Directed the inaugural Lunar New Year Night Market event with performances and food stations
- Conducted campus-wide research to curate events based on student and community interests
- Raised awareness for different cultures and identities with over 5+ Lunar New Year events

**Dartmouth Emerging Engineers Tutor, Dartmouth College**

**January 2024–June 2024**

- Empowered rising engineering students through tutoring for engineering prerequisite courses
- Organized events to foster community and increase access to tutors during exam season
- Connected students to a variety of educational resources available within the department

**Automation Engineer Intern, Sunflower Therapeutics**

**September 2023–December 2023**

- Supported design, development and testing of software for automated bioprocess equipment
- Leveraged machine learning to accelerate the development of auxiliary equipment
- Completed technical documentation transfer for four major projects utilizing script

**Intellectual Property Intern, El Fuego del Sol**

**December 2022–April 2023**

- Collected and rendered CAD drawings for prior art and previous generations of the stove design
- Researched TLUD stoves and created explanations for processes in improved biomass stoves
- Developed a presentation that highlights key improvements in the stove design for patenting

**Computer Science Teaching Assistant, Colby College**

**August 2022–June 2023**

- Assisted students in achieving a better understanding of coding concepts
- Guided students through difficult project tasks and identified areas for improvement
- Supported students in Introduction to Computer Science courses as a resource outside of class

## EXTRACURRICULAR ACTIVITIES

---

**Member, Volleyball Club**

**September 2021–May 2025**

**Member, Colby Dancers**

**September 2021–May 2025**

**Mentor, QuestBridge**

**September 2022–June 2023**

## SKILLS & ABILITIES

---

- *Computer functions:* Python, Java, MATLAB, C, JavaScript, Microsoft Office and Google Drive
- *Languages:* Intermediate fluency in Spanish and Mandarin Chinese
- *Interests:* Travel, Community Service, Pottery