

# Melody Nguyen

New York, NY | 669-240-9976 | [melody.nguyen@pace.edu](mailto:melody.nguyen@pace.edu) | <https://melodyxnguyen.github.io/portfolio/>

## EDUCATION

### Business Analytics, Management

New York, NY

*Bachelor of Business Administration, Pace University Dean's List*

May 2026

- *Minors:* Digital Marketing and Computer Science, *with Honors* - GPA: 3.73
- Courses: Marketing Research, Data Analytics, Object-Oriented Programming, Computer Organization, Economics

## EXPERIENCE

### Data Analyst

June 2024 – August 2024

*SLAC National Accelerator Laboratory, Department of Energy*

Stanford, CA

- Analyzing impact of extreme weather on PV systems via marimo.io data visualization using Python programming
- Testing electrical grid deployments using SLAC-developed software to improve environmental resilience and safety
- Assembled website for the Sustainability Research Strategic Initiative to foster collaboration and provide resources

### Ambassador

September 2024 – Present

*Marimo.io, Reactive Python Notebook*

Remote

- Strategic branding of AI, data visualization, and app-building tools on a Stanford site for students and researchers
- Authored scientific blog to share open-source, reactive tools enhancing intuitive code and data analysis in academia

### Website Developer

March 2023 – June 2024

*SLAC National Accelerator Laboratory, Department of Energy*

Stanford, CA

- Launched software simulation tool via Jekyll to improve deployment of electricity distribution power systems
- Developed GRIP platform using HTML/CSS to provide data resources and use-case tutorials for utility developers
- Designing SLAC-Stanford Battery Center website via Drupal to improve user interface and energy implementation
- Crafted TESS user manual to promote sustainable tech adoption, cost savings via reduced electrical consumption

### President

May 2023 – Present

*Institute for Operations Research and Management Science*

New York, NY

- Teaching college students Python, R, SQL, Tableau, and Excel with interactive workshops, facilitated by E-board
- Host of tech talks with industries like Amazon and Microsoft to help build professional networks and relationships

### Campus Director, Technologist

July 2023 – April 2024

*United Nations Academic Impact*

New York, NY

- Millennium Fellow of 44,000+ applicants, led Civic Leadership Program for 15 student founders with SDG projects
- Served as a youth delegate and speaker at ECOSOC, UN Youth Forum, and SDG Action Weekend
- Introduced Nobel Peace Prize laureate Malala Yousafzai for graduation class of 2023 to promote girls' education

## PROJECTS

### Arras Energy Website | *HTML, CSS, Markdown, Jekyll, Google Analytics*

June – Aug. 2023

- Commercial release of Linux Foundation's simulation software for smart-grid and renewable energy technology
- Connecting key stakeholders such as power system researchers, planners, operators, policy-makers and regulators
- Presented final product to sustainability researchers and engineers at SLAC National Laboratory's GISMo team

### Wall Street Journal Case Study | *MySQL, Tableau, Microsoft Excel, Canva*

Sept. – Dec. 2022

- Cultivated marketing strategies through consumer research and SWOT analysis to increase retention rates
- Enhanced customer trust and renewals through platform updates and promotions; awarded AMA honors

### Educational Equity Initiative | *Founder and President*

Jan. 2021 – Present

- Mentored 20 students to create an open-source platform for young women to learn coding and web development
- Led donation drives, raising \$500 for the Malala Fund and donating clothing to migrant families in NYC

### Content Creation & Video Editing | *YouTube, Davinci Resolve, Canva*

Jan. 2021 – Present

- Managing YouTube channel, focused on sharing healthy food recipes, personal development, and productivity tips
- Built an engaged community (275+), honing skills in cinematography, graphic design, animation, and color grading

## SKILLS

**Technical:** Python, Java, C, Microsoft Excel, MySQL, HTML/CSS, R Programming, Tableau, Git, Davinci Resolve

**Certifications:** United Nations Millennium Fellowship, Lubin Business Analytics, Python Institute Programming

**Awards:** Pforzheimer Honors College, Dean's List First Honors, Principle's Leadership Award