Melody Nguyen

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PROFILE

Energetic and proactive Computational Economist with a passion for climate action, women's education, and website development. Excels at code management, user interface design, data analysis, and innovative project management.

Seeking opportunities to conduct impactful research, collaborate cross-functionally, and enhance my expertise in programming to driving user-centric design decisions.

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems   May 2026
Bachelors of Science in Computational Economics   New York, NY
Pforzheimer Honors College | Dean's List 2022-2023
GPA: 3.85

Stanford University | SLAC National Accelerator Laboratory   August 2023
- Entry-Level Python Programmer Certification   Menlo Park, CA

EXPERIENCE

Website Development and Marketing Intern   March 2023 – Present
Stanford University and US Department of Energy | SLAC National Accelerator Laboratory   Menlo Park, CA
- Enhanced Grid Integrated Systems and Mobility's marketing campaign through effective code management, strategic communications, and user interface design.
- Revamped the SLAC-Stanford Battery Center website using Drupal, to ensure alignment with SLAC Communications standards and optimal publication.
- Launched commercial release of Linux Foundation's Arras Energy software simulation tool via GitHub and Jekyll to provide accessible implementation of electricity distribution power systems for researchers.
- Collaborated with engineers to design the Grid Resilience and Intelligence Platform to optimally provide resources, training, and data solutions for utility developers tackling extreme weather events.
- Crafted a user manual for Transactive Energy Service System and supported senior staff to develop a high-level user interface platform to enhance consumer adoption of environmentally sustainable technology.

Campus Director, Emerging Technologist, Millennium Fellow   July 2023 – Present
United Nations Academic Impact | Millennium Campus Network   New York, NY
- Introduced the Nobel Peace Prize laureate, Malala Yousafzai, for graduation class of 2023.
- Served as a delegate and speaker at the 2023 UN Youth Forum, SDG Action Weekend, and the Rockefeller Foundation-Brookings Institution 17 Rooms in the SDG Pavilion.
- Led leadership development program for 15 student founders with Sustainable Development Goals projects.

Founder and President   December 2020 – Present
Women Empowerment Organization   San Jose, CA
- Educational initiative to develop an open-source learning platform for young women in economically disadvantaged communities.
- Initiating educational campaigns, conducting hygiene donation drives, chairing meetings, and mentoring a team of 20 high school students for collaborative website building

Vice President of Business Analytics   May 2023 – Present

Institute for Operations Research & Management Science   New York, NY

- Taught college students how to code on platforms including Python, R, SQL, Tableau, and Excel
- Hosted tech talks with industries including Amazon and Microsoft to build networks and develop professional relationships

Director of Marketing   November 2022 – May 2023

- Creating digital content and scheduling promotional materials on LinkedIn, Instagram, Gmail, Orca Tv

Director of Diversity, Equity, and Inclusion   October 2022 – Present

Wall Street Journal Case Competition | American Marketing Association   New York, NY

- Cultivated marketing strategies through consumer research, environmental and SWOT analyses to increase membership rates.

Chief of Finance   April 2023 – Present

Economic Society   New York, NY

- Managed organization budgets, analyzed and maintained financial operations for events, coordinated with vendors for optimal efficiency.

AmeriCorps Member   January 2023 – March 2023

JumpStart AmeriCorps Program   New York, NY

- Worked with preschool children in low-income neighborhoods to promote early literacy and language learning.

SKILLS

Technical: Python, R, SQL, GitHub Code Management, Visual Studio Code, HTML, Markdown, Cascading Style Sheets, Jekyll, Drupal, Microsoft Office Suite, Google Analytics, Adobe, Canva, Davinci Resolve

Languages: Fluent in English and American Sign Language, learning Spanish and Vietnamese