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**Melody Nguyen**

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**PROFILE**

Energetic and proactive website developer with a passion for climate action, women’s education, and digital marketing. Excels at data analytics, code management, user interface design, and innovative project management.

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

**EDUCATION­**

**Pace University, Seidenberg School of Computer Science and Information Systems** May 2026

Bachelor of Arts in Computer Science, Minor in Business (Marketing Analytics) New York, NY

Pforzheimer Honors College| Dean’s List 2022-2024

**GPA:** 3.72

**Stanford University** August 2023

* Entry-Level Python Programmer Certification Stanford, CA

**EXPERIENCE**

**Data Analyst** March 2023 – Present

US Department of Energy|Stanford**,** SLAC National Accelerator Laboratory Menlo Park, CA

* Awarded a Science Undergraduate Laboratory Internship to conduct electrical grid modeling, clean energy integration, and analytics. Focused on challenges during extreme weather and environmental safety.
* Supporting senior staff in testing and developing use cases for grid operations using SLAC's power system modeling tools, Python, and Linux-based programming.

**Website Developer**

* Enhanced [Grid Integrated Systems and Mobility](https://gismo.slac.stanford.edu/)'s marketing campaign through code management and improved user-interface design to increase the accessibility and implementation of renewable energy.
* Revamped the [SLAC-Stanford Battery Center](https://batterycenter.slac.stanford.edu/) website using Drupal, to ensure alignment with SLAC Communications standards and optimal publication.
* Collaborated with engineers to design the [Grid Resilience and Intelligence Platform](https://www.grip.energy/) to provide resources, training, and data solutions for utility developers tackling extreme weather events.

**Marketing Analyst**

* Stanford’s award-winning Science Accelerating Girl's Engagement (SAGE) internship program.
* Launched commercial release of Linux Foundation’s [Arras Energy](https://www.arras.energy/) software simulation tool via GitHub and Jekyll to provide accessible implementation of electricity distribution power systems for researchers.
* Crafted user manual promoting sustainable tech adoption, cost savings via reduced electrical consumption.

**Campus Director and Emerging Technologist** 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.
* Serves as a delegate and speaker at the Economic and Social Council, 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.

**President** May 2023- Present

Institute for Operations Research & Management ScienceNew York, NY

* Teaching college students how to code on platforms including Python, R, SQL, Tableau, and Excel.

**Vice President of Business Analytics**

* Hosted tech talks with industries including Amazon and Microsoft to help build networks and develop professional relationships. Tripled attendance, platform growth (+400), and events planned.

**Director of Marketing**

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

**President** April 2023 – Present

Economic SocietyNew York, NY

* Organizer of speaker series consisting of educators, and industry professionals to create a network for student researchers. Coordinator of annual educational trip to New York Stock Exchange.

**Chief of Finance**

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

**Director of Diversity, Equity, and Inclusion** October 2022 – May 2024

Wall Street Journal Case Competition| American Marketing AssociationNew York, NY

* Cultivated marketing strategies through consumer research, environmental and SWOT analyses to increase membership rates.
* Facilitated community-building initiatives like JumpStart winter donation drive, supporting the education of immigrant families.

**AmeriCorps Member** January 2023 – March 2023

JumpStart AmeriCorps ProgramNew York, NY

* Teaching preschool children in low-income neighborhoods to promote early literacy and language learning.

**SKILLS**

**Technical:** Python, Visual Studio Code, GitHub Code Management, SQL, R, HTML, Markdown, Cascading Style Sheets, Jekyll, Drupal, Excel Solver, Microsoft Office Suite, Tableau,Google Analytics, Canva, Davinci Resolve for video editing.

**Languages:** Fluent inEnglish and American Sign Language, learning Spanish and Vietnamese.