Melody Nguyen

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EDUCATION

Computer Science, Bachelors of Art   New York, NY
Minor in Business, Pace University Dean's List, with Honors - GPA: 3.73   *May 2026*
- Courses: Object-oriented programming, computer organization, business analytics, marketing research, economics

EXPERIENCE

Ambassador   September 2024 – Present
marimo.io - Reactive Python Notebook   *Remote*
- Developed a cohesive branding strategy for AI, data visualization, and app-building tools on a new Stanford site
- Authored scientific blog to increase resource engagement by 40% and visibility among students and researchers

Data Analyst, Research Intern   June 2024 – August 2024
SLAC National Accelerator Laboratory, Department of Energy   *Stanford, CA*
- Analyzing impact of extreme weather across 60+ photovoltaic systems utilizing marimo.io Python programming
- Refined testing methodologies for electrical grid deployments through code documentation of SLAC Linux software
- Assembled resource website for Sustainability Research Strategic Initiative to connect and fund R&D projects

Website Developer, Marketing Intern   March 2023 – June 2024
SLAC National Accelerator Laboratory, Department of Energy   *Stanford, CA*
- Code management of software simulation's website to prepare 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 revamp user interface and facility organization
- 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*
- Taught over 200 college students Python, R, SQL, Tableau, Excel with interactive workshops and competitions
- Host of 5 tech talks with industries like Amazon and Microsoft to help build professional networks and relations
- Awarded Pace University "Organization of the Year" for tripled attendance, events, and platform growth (+700)

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 sustainability speaker at ECOSOC, UN Youth Forum, and SDG Action Weekend
- Introduced Malala Yousafzai for 2023 graduation, inspiring over 3,000 attendees in support of girls' education

PROJECTS

Arras Energy Website | *HTML, CSS, Markdown, GitHub, Google Analytics*   June – Aug. 2023
- Commercial release of Linux Foundation's simulation software for smart-grid and renewable energy technology
- Connecting key stakeholders to 10+ trainings for power system research, operations, policy-making, regulations
- 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 15 marketing strategies through consumer research and SWOT analysis to increase retention rates
- Enhanced customer trust and membership renewal through revamped platforms and alumni 3 targeted promotions

Educational Equity Initiative | *Founder and President*   Jan. 2021 – Present
- Mentored 20 high-schoolers to create an open-source platform for young women to learn code and web development
- Coordinator of donation drives, raising $500 for the Malala Fund and donating clothing to migrant families in NYC

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
Languages: English (fluent), American Sign Language (fluent), Vietnamese, Spanish