

Melody Nguyen

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🔗 Medium

Current role	Ambassador at marimo.io - Reactive Python Notebook
Experience	Analytics, Energy, Science
Technologies	Figma, Canva, Drupal, Python, Adobe Creative Suite, CSS, HTML, Lightroom, Git

In 3-5 years I want to be...
Leading a team combining design and technology to create impactful solutions, mentor diverse talent, and drive innovation, inspired by my work at SLAC and passion for empowering women in STEM.


Work experience

Ambassador, marimo.io - Reactive Python Notebook  Sep 2024 - Present (5m)

marimo is an open-source reactive notebook for Python Analytics

Figma Canva Drupal

- Designed and developed a Stanford-hosted site showcasing Marimo, a reactive Python notebook.
- Curated scientific blogs to showcase Marimo's applications in AI, data visualization, and app development.
- Collaborated with stakeholders to engage the target audience and highlight innovation in computational tools.

Data Analyst, Research Intern, SLAC National Accelerator Laboratory, Department of Energy  Jun 2024 - Aug 2024 (2m)

U.S. Department of Energy (DOE) Office of Science laboratory
Energy · Science

Python Drupal

- Researched extreme weather impact on over 60 photovoltaic systems using Python, statistics, and calculus
- Created interactive Marimo graphs to visualize renewable energy trends and forecasts with NumPy, Matplotlib, and Seaborn
- Enhanced testing methodologies for electrical grid deployments by optimizing Linux code documentation
- Developed a resource website to facilitate R&D collaborations for the Sustainability Research Strategic Initiative

Website Developer, Marketing Intern, SLAC National Accelerator Laboratory, Department of Energy  Mar 2023 - Jun 2024 (1y 3m)

Adobe Creative Suite CSS HTML Figma Lightroom Canva Git

- Managed code for a software simulation website to facilitate electricity distribution power systems deployment

- Created 5+ scientific platforms with HTML/CSS for research developers, offering data and use-case tutorials
- Enhanced user interface and functionality of SLAC-Stanford Battery Center website, leading to improved user satisfaction

Education

Pace University

Sep 2022 - Present (2y 5m)

Bachelors of Arts (3.73) Computer Science

- Pforzheimer Honors Student, Dean's List
- President of the Institute for Operations Research and Management Science (INFORMS)
- United Nations Millennium Fellow
- American Marketing Association
- Economic Society, Treasurer and President

Snippets

A Millennium Fellow's Journey from Local Initiatives to the United Nations

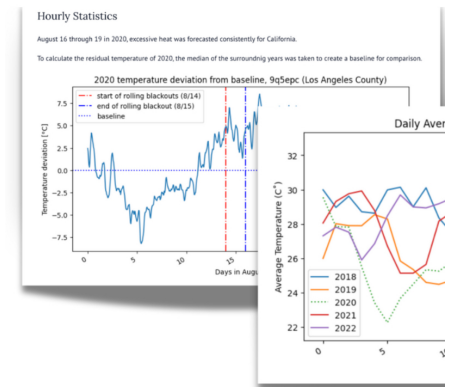
@ www.millenniumfellows.org

As a Millennium Fellow, I expanded access to education for young women in Vietnam and represented my work at the United Nations, where I introduced Malala Yousafzai. I'm passionate about empowering others through sustainable development and open-source education.



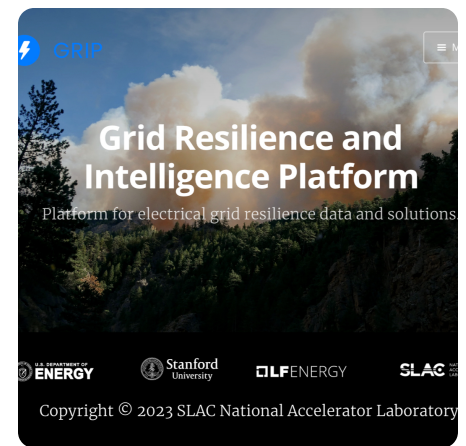
Research Blog for Stanford University @ marimo.sites.stanford.edu

As a SLAC research intern, I met two inspiring start-up founders and spent the summer using their Python notebook for data visualization and analysis. I was later offered the opportunity to expand my expertise in web development and product design to help showcase their innovative product to a broader audience.



Website Design and Development @ www.grip.energy

My journey into coding truly began when I built my first website from scratch using HTML and CSS. It was a simple project, but seeing my ideas come to life on a functional, interactive platform ignited my passion for web development. That first experience taught me the art of blending structure with creativity, and it inspired me to keep learning and designing tools that make an impact.



More about me

Outside of work I...

I create films and design graphics! With over 275 YouTube subscribers, I share healthy recipes, productivity tips, and blogs, honing skills in cinematography, design, animation, and color grading.

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Languages

English, Spanish, Vietnamese

I'm excited to work for a fast-growing company because...

I thrive in environments of growth, eager to learn and adapt quickly. I'm a competitive opportunist, passionate about creating impactful projects that could help others.

Interests

I love martial arts, running, fantasy novels, and filming cooking videos. On YouTube, I share self-improvement, recipes, and productivity tips, inspiring growth and celebrating culture through food.