

Divya Gangaramani

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EDUCATION

Columbia University

Jan 2026 - May 2027

M.Sc. in Sustainability Management (4.11 GPA)

Coursework: Sustainability Reporting, Sustainability Management, Energy Markets & Innovation, Solar Project Development

University of California, San Diego

Sep 2021 - Jun 2025

B.Sc. in Mechanical Engineering: Specialization in Renewable Energy and Environmental Flows (3.72 GPA: Provost Honors)

Coursework: Introduction to Renewable Energy, Environmental Flow & Transport, Product Design & Entrepreneurship, Managing Diverse Teams, Accounting, Business Finance, Business Project Management, Computational Methods/Design, Thermodynamics, Materials Science

WORK EXPERIENCE

Equinix

Jun 2026 - Aug 2026

Clean Energy & Innovation Intern

Dallas, Texas

- Assessed VPPA and EAC procurement strategies for global data center load growth under evolving SBTi & GHG Protocol standards
- Screened 24 PPA proposals across 9 markets (3.5+ TWh) via LevelTen Energy to evaluate project feasibility and market diversification
- Partnered cross-functionally with Sustainability, Policy and Finance to deliver actionable recommendations to the Global Energy team

DERConnect

Sep 2025 - Dec 2025

Energy Researcher

San Diego, California

- Performed battery testing for electric construction vehicles under a California Energy Commission (CEC)-funded project
- Analyzed ChargePoint EV charging data to identify customer trends and detect non-compliant charging activity on campus
- Synthesized findings into clear visual reports and presented insights to research engineers, improving EV charging compliance by 15%

SwirlX

Jan 2025 - Jul 2025

Engineering Intern

San Diego, California

- Assisted in the development of heat exchangers for Cooling Distribution Units (CDU) to improve energy efficiency in data centers
- Executed simulations to refine cooling system designs, achieving a 20% performance improvement in energy efficiency
- Managed 5+ iterative prototyping cycles, integrating customer feedback to drive improvement in cooling system design efficiency

Rady School of Management, University of California, San Diego

Apr 2023 - Jun 2025

Teaching Assistant

San Diego, California

- Led the Managing Diverse Teams class, engaging 90+ students in discussions on teamwork and cross-functional collaboration
- Boosted student engagement by 30% through a structured peer-review system built on Qualtrics for project teams
- Automated an anonymous feedback platform to process survey data and track individual progress throughout the course

COURSE PROJECTS

Delta Airlines Decarbonization Pathway

Mar 2026 - Apr 2026

- Proposed a decarbonization roadmap for Delta Airlines analyzing its greenwashing lawsuit related to \$137M in unverified carbon credits
- Built and presented a net-zero strategy simulating Delta's internal sustainability team, focusing on a long-term net-zero strategy
- Recommended a 'Reduce First, Offset Last' approach prioritizing verified reductions across Scope 1, 2 and 3 emissions

Entrepreneurship Project: Aqwa

Sep 2023 - Dec 2023

- Innovated 'Aqwa,' a sustainable, color-coded water meter for showers, designed to educate children on water conservation
- Enhanced prototype through 50+ interviews and surveys, ensuring the product addressed parental concerns regarding water usage
- Presented a compelling pitch to investors at Blackstone Launchpad, showcasing the product through robust financial metrics

SKILLS & INTERESTS

Tools & Skills: Microsoft Excel, Qualtrics, Python, MATLAB, PowerBI, HelioScope, PV Watts, PV Syst, Notion, Microsoft Office, Google Workspace, Carbon Accounting, GHG Protocol, Sustainability Reporting Frameworks (ESG), Environmental Impact Assessment (EIA)

Clubs & Societies: Finance at Electric Vehicles Organization (EVO), Events at Columbia Sustainable Professionals Finance Network

EXTRA-CURRICULARS

Student Body Government, San Diego, CA

Sep 2022 - Sep 2023

Campus-wide Engineering Senator

- Elected as the UCSD Engineering Senator by a student population of 32,000, championing the engineering community's interests
- Partnered with San Diego Environmental Health & Safety to establish electronic waste disposal bins at over 15 campus locations
- Collaborated with the student body to represent engineering students' concerns regarding access to project resources