

I am passionate about the research and deployment of advanced technologies that can address the climate crisis on Earth while enabling sustainable, long-term human development off-Earth. Today, I'm focused on the global deployment of low-carbon energy solutions and gigaton-scale carbon sequestration with Nebula Energy. I am also an adjunct professor at New York University, running the school's first graduate course on astropolitics.

I earned my M.S. with distinction from New York University in May 2018, studying Global Affairs with a specialization in Energy and Environmental Policy. I completed my M.S. in Space Resources in May 2023, researching astropolitics, technology management, and resource utilization in space at Colorado School of Mines. My competition wins and published work can be found at [www.delainemayer.com](http://www.delainemayer.com).

## EXPERIENCE

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### New York University

**Adjunct instructor** – New York, NY

January 2024 – Current

- Developed and currently instruct “Astropolitik: The Politics, Policies, and Technologies of Outer Space,” for graduate students at New York University’s Center for Global Affairs
- *Astropolitik* is an interdisciplinary course designed to position today’s space activities within the context of space and technological history, enhance understanding of space-based resources and goals of in-space resource utilization (ISRU), evaluate new developments in space law and policy, and enable critical analysis of the extension of geopolitics beyond Earth’s atmosphere

### Nebula Energy

**Director of External Affairs** – Remote | Jacksonville, FL

September 2023 – Current

- Founding member of Nebula Energy, an investment, development, and asset management firm developing low-carbon energy solutions for high-growth markets
- Lead Carbon Capture and Sequestration (CCS) Hub development across Southeast Asia, Europe, and the US, leveraging Nebula’s proprietary CO2 transportation solution to enable cost-effective CO2 transport and faster first-injection timelines for permanent CO2 storage

### Genecis Bioindustries

**Head of Partner Success** – Remote | Toronto, Canada

December 2022 – September 2023

- Championed the development and implementation of B2B strategy with Fortune 500 CPGs and brands, including implementing customer relationship management tools and executing technical sales, while working cross-departmentally with fermentation and polymer development teams
- Advanced Genecis’ commercialization of PHA by originating and nurturing client relationships and strategic partnerships through novel polymer and product development, as well as strategic co-branding partnerships
- Led marketing, communications, and public relations, including a new brand rollout in under 1 month to coincide with Amazon’s Climate Pledge Fund funding announcement
- Management team member, directly reporting to the CEO

### Full Cycle Bioplastics

**Head of Partner Success** – Remote | San Jose, CA

April 2022 – December 2022

- Led vision, strategy, and execution of partnerships that scale Full Cycle’s technology and unlock at-scale commercial waste and bioplastic offtake agreements. Full Cycle’s patented biotechnology converts organic waste to Polyhydroxyalkanoate (PHA), a compostable alternative to oil-based plastics
- Managed partnerships with Fortune 500 food manufacturers and consumer packaged goods

(CPGs), government agencies, research contractors, economic development organizations, and accelerators/incubators to advance joint research projects with an eye towards commercial-scale development

- Developed integrated technological and economic solutions for strategic partners, enabling partners to drive towards circularity within their value and supply chains

**Enterprise Customer Success Manager**

August 2021 – April 2022

- Executed customer success through development of technoeconomic project scopes which are aligned with R&D and Growth priorities; manage execution of project plans once contracted
- Managed research partnerships from project scoping through execution, overseeing land-and-expand sales strategy with strategic partners
- Expanded brand presence; participate in panels, author content, and represent Full Cycle in addressing industry-wide material challenges and implement systemic change that advances the circular economy

**Project Manager**

November 2020 – August 2021

- Managed on-time, on-budget delivery of joint research projects, draft feasibility assessment reports, and manage partner relations

**New Fortress Energy****Proposal Manager** – New York, NY

January 2020 – November 2020

- Proposal management of distributed energy projects across all operational regions, including the Caribbean, Jamaica, Mexico, and Puerto Rico
- Analyzed customer requirements to strategize concept design, including savings and emissions benefits
- Coordinated financial, engineering, and legal components of all outgoing bids to prepare client-facing proposals and presentations in verbal and written forms
- Created ~16 new proposals per month for multi-million-dollar projects for industry-leading clients in financial, real estate, pharmaceutical, and manufacturing sectors
- Member of *Zero*, a division of NFE tasked with transforming the company into one of the world's leading providers of carbon-free power by replacing fossil fuels with renewable hydrogen

**Commercial Analyst**

June 2019 – January 2020

- Analyzed global investments in the energy infrastructure, transportation, and power sectors to support new development and ongoing operations of reliable, affordable, cleaner energy solutions
- Executed financial research and create new business presentations to support due diligence processes, including evaluation of potential for new commercial development of downstream energy projects throughout the Caribbean and Latin America

**Advanced Energy Group****Program Manager**

February 2019 – June 2019

**Assistant Program Manager**

August 2018 - February 2019

- Executed 20 AEG events per year, supporting quarterly stakeholder activities in Boston, Chicago, New York, San Francisco, and Washington, D.C.; managed event logistics; provided on-site support; conducted background research and writing for pre- and post-event publications

**EDUCATION**

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- Colorado School of Mines** – Space Resources Program – Golden, CO May 2023
- Master of Science, Space Resources GPA: 3.91
- New York University** – Center for Global Affairs – New York, NY May 2018
- Master of Science, Global Affairs, specializing in Energy and Environmental Policy GPA: 3.96
    - *Graduate Thesis Award of Distinction*, May 2018
- Ohio Wesleyan University** – Delaware, OH May 2012
- Bachelor of Arts, Self-Constructed Major: Peace, Justice and Conflict Resolution GPA: 3.52

