

CDR SKILLS

- Columbia University School of Engineering 2nd masters in progress: chemical engineering
- CDR project due diligence and development, policy development, policy advocacy
- Integrated LCA/TEA modeling, verification REDD+,GS and own
- Submitting article for the Journal of Industrial Ecology on the challenges of amine technology in DAC the prospects for nano-functionalized membrane technology for carbon removal
- Renewable Energy Financial Modeling applicable offtake agreements and project finance, CDM certification process
- US Department of Energy DOE project merit reviews for carbon capture and carbon removal including EJ review

TRANSFERABLE SKILLS

- Tools: Python, PosgresSQL, BigQuery,Balsamic, MatLab, Python for Data Analytics for carbon data analysis
- Carbon Accounting: carbon budget bottom up analysis, 2050 projection methods, carbon portfolio accounting, carbon displacement analysis, carbon reporting (public and private companies)
- Advocacy: for FCDRLA H.R. 7434 and S 4280, HBCU MRV training development for non-profit, cdr policy development for states and Article 6 review
- Non-profit leadership: Vice Chair oversight role includes strategic development, fundraising, reporting to Chair, program implementation, grant research/writing and team management
- Portfolio Management and Buy-side analysis, renewable energy due diligence and financial modeling

EXPERIENCE

YvesBlue September 2018 - present

VP Impact Analytics

New York, NY / Austin, TX

- Responsible for the development of climate and carbon visual analytics and interactive online tools mentioned in [best of fintech report by Barclays](#)
- Global regulatory frameworks: designed an automation of portfolio alignment to EU Taxonomy and Technical Screening Criteria, TCFD, SBTi carbon projection modeling
- Data analysis using Python Lab for Carbon Metrics Report, Carbon Audit Model, Carbon Projections, EU Taxonomy and other projects
- Worked closely with data engineers and developers to set up visual analytics for actionable climate insights
- Trained and managed a small team of junior analysts

Inventiv Capital Management

January 2017 - October 2018

Co-Portfolio Manager

New York, NY

- I co-launched a \$100M Carbon Resiliency Technology Impact Fund. The fund has been running since 2017 with +14% absolute return over the NEX.
- Project Finance, Capital Markets and Deal Structuring for brownfield solar, wind repowering, carbon tech, run-of-river hydro and others
- Project due diligence, financial model verification, site walks and check lists
- Carbon displacement analysis and fund reporting, pitch decks and capital raising/fund marketing

La Française - Inflection Point Capital Management

2013 - 2017

MD Portfolio Strategy and Senior Analyst

Paris, France

- Developed the concept and co-launched the first net negative carbon emissions portfolio called Carbon Zero which reached \$150M AUM at peak that is inspiring copycat funds in Europe.
- These funds contained renewable energy stocks for which I held portfolio manager responsibility. This fund avoided approximately 1500 tCO₂e per €1M invested between 2015 and 2017
- Created asset specific decarbonization strategies across various departments within the bank.
- Head of portfolio strategy and investment process design for Carbon Zero involving a 5 stage funneling process and presented each month to the investment committee
- Portfolio and stock analysis covering Aerospace Defense, Chemicals, Energy, Cleantech, Renewables and Technology industries, all investment action supported by model updates and integration high actionable, high-touch, esoteric investment write ups circulated to the managers via a research management platform

Innovest Strategic Investment Advisors, Inc

2004 - 2008

Analyst then promoted to Director of Research

New York, NY

- Developed disruptive and first of kind high touch, materially relevant sustainability investment research models, one pagers and sector reports
- I covered Aerospace Defense, Energy, Technology and Cleantech industries
- We were first to fully integrate valuation with extra financial indicators to deliver actionable insights for portfolio managers based on climate risk.
- I completely overhauled the legacy product to be more financially relevant,
- Demonstrated to the team how to deliver prescient and headline making, actionable insights for clients thus earning the role of RD
- Led a team of 40 analysts across 15 countries that produced global coverage on 3000 companies annually.
- Conducted all data testing and analysis, back testing and attribution analysis on our time series

Ongoing freelance consulting and project development

- Renewable Energy Project development and project pitching Abu Dabi, Muscat, Jeddah, Doha April-May 2006
- Presented a comprehensive plan for renewable energy integration and development targets for the Dubai Development and Investment Authority (DDIA) April 2005
- Created a series of sessions to demonstrate the use of new energy efficiency data by the US Department of Energy (DOE)'s Energy Star program for Wall Street Analysts in New York 2003/2004
- Corporate consulting for various Fortune 500 companies providing Life Cycle Analysis, carbon accounting and reporting and renewable energy advisory services (Biogen, Lenovo, GE) on-going
- Market development and advisory for NYSEDA Deep Energy RetrofitNY project on-going
- Ratings and analysis with write ups for carbon removal and capture projects for US Department of Energy Office of Clean Energy Demonstrations (OCED) on-going

EDUCATION AND PROFESSIONAL CERTIFICATES

Investment Banking Institute - February-May 2004

CFA Institute

- Level I – August 2006

CAIA

- Level I – September 2020

MS Columbia University School of Engineering in progress

Columbia University SIPA/SEAS Environmental Sciences and Industrial Engineering (first carbon removal project: Bark Camp) Program Associate

BS Johns Hopkins University Environmental Chemistry and Quantitative Methods for Environmental Sciences

Towson University International Relations/Climate Sciences

VOLUNTEER AND PROJECT DEVELOPMENT

Center for Economic and Environmental Partnership – Vice Chair

PS 84 Rooftop Greenhouse Classroom – Project lead 2012-2015

OpenAir Collective – active member

Invest.Green – Technical Due Diligence and Board of Advisors

Carbon Resiliency Technology Impact Fund 2017/2018

LANGUAGES

French: Advanced Listener and Speaker/Intermediate Reading and Writing
 Spanish: Advanced Listener and Speaker/Intermediate Reading and Writing
 Hebrew: Beginner for haftara