# **HARRISON WEISS**

# Staff Environmental Scientist | Sustainability & ESG | Strategic Planning & Data Analysis

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# PROFESSIONAL EXPERIENCE

# Staff Environmental Scientist

#### **Dewberry**

# 02/2024 - Present 

New York, NY

National AEC Firm

- Draft sustainability and greenhouse gas emissions reports for public transportation clients.
- Provide best-value solutions to incorporate sustainability processes into corporate culture.
- Support building of internal sustainability efforts, planning, and
- Service lead for building institutional knowledge in lifecycle carbon accounting.
- Gather and model environmental and financial data to produce actionable insights for clients.

### Sustainability Analyst

#### **NJ TRANSIT**

**Public Transportation Agency** 

- Reviewed and negotiated legal contracts during procurement of services from consultants and vendors, including complex power purchase agreements with multiple stakeholders totaling over \$1.5 million in contract values.
- · Presented regularly to the Board of Directors, President & CEO, and public stakeholders on corporate initiatives, demonstrating excellent communication skills.
- · Captured over \$2 million in State clean energy funds for energyefficiency projects, analyzing and reporting financial metrics and ROI calculations.
- Served as technical expert for internal groups, facilitating integration of sustainable practices into projects and ensuring stakeholder buy-in.
- Provided technical expertise on utilities, stakeholder engagement, and financial analysis for sustainability projects.
- Collaborated with internal stakeholders including Legal Counsel, Finance, and Operations departments to ensure alignment with corporate objectives.

# INDUSTRY LEADERSHIP

#### Vice Chair

# **American Public Transportation Association**

# 03/2025 - Present

- Lead a group of over 30 industry professionals from 10+ public transportation agencies across North America and 5+ major consulting
- Serve as a key member in the development and creation of up-to-date best practices and guidance documentation for use by public transportation agency staff.
- · Administer monthly meetings and assist working group Chair in the development of meeting materials and distribution of documentation.

# PROFESSIONAL SUMMARY

Experienced sustainability professional with 5+ years total experience and 4+ years at NJ TRANSIT with a proven expertise in contract negotiation, stakeholder management, and public policy. Recently certified in data science and machine learning with strong skills in financial analysis and performance measurement. Currently serving as Vice Chair for an American Public Transportation Association Working Group, demonstrating industry leadership in transportation sustainability standards.

### **EDUCATION**

Master of Science - MS. Sustainability Science

**Montclair State University** 

**=** 01/2019 - 12/2022

Bachelor of Science - BS. **Environmental Science** 

**Ramapo College of New Jersey** 

**m** 01/2016 - 12/2019

# **CERTIFICATIONS**

**Data Scientist, Machine Learning** 

Codecademy, 2025

**Envision Sustainability Professional** 

Institute for Sustainable Infrastructure, 2024

# **SKILLS**

**Technical Writing** 

Python	scikit-learn	SQL	RDBMS
Pandas	NumPy s	statsmodels	
PyTorch	Spreadsheets		
Data Science Statistical Analysis			
Public Speaking Legal Analysis			
Sustainability Planning Public Policy			
Negotiations Financial Literacy			