

---

Engineer in training (EIT) with a degree in environmental engineering and experience analyzing air quality and noise. Owned and managed a residential home improvement company.

---

## EXPERIENCE

### **Project Manager, EZR Packing Corp., Queens, NY**

February 2015 - present

- Inspect and manage the handling of temperature-sensitive pharmaceutical imports
- o Facilitate communication between client and airlines
- o Document daily shipments and write evaluations to client
- o Implement handling of new protective casing at airport and client warehouses

### **Freelance, Air Quality and Noise Impact Assessment**

October 2014 – January 2015

- o Modeled air quality impact of planned parking garages and changes to local traffic. Compared impact with federal, state, and city standards
- o Placed and monitored noise sensors and analyzed their data

### **Intern, Environmental Assessment and Review Division, Dept. of City Planning, New York, NY**

December 2013 – September 2014

Prepared and reviewed the air quality sections of City Environmental Quality Review applications and provided technical assistance to applicants and department staff

- o Calculated air pollutant emissions from building stacks, industrial sources, parking garages, and construction and mobile activities
- o Developed air pollutant dispersion models according to EPA and city guidelines and compared results with city, state, and federal air quality standards
- o Created tutorials for running software and developing input files in accordance with EPA guidelines

### **Intern, Brookhaven National Laboratory, New York, NY**

July 2013

Subway Surface Air Flow Exchange (S-SAFE) study:

- o Placed and monitored sensors and participated in workshops on dispersion of contaminants, tracer technology, and geosciences

### **Team Member, Lake Enriquillo Water Balance, Dominican Republic**

Fall 2012 – Spring 2013

- o Evaluated specifications and obtained quotes for weather stations
- o Assessed and obtained quotes for data retrieval through a radio network with cellular or satellite transmission options
- o Discovered a no-cost satellite data retrieval plan through NOAA
- o Installed weather stations and constructed passive fog gauges
- o Designed a fog chamber to calibrate the fog gauges and analyzed fog water contribution

**Licensed Home Improvement Contractor, Bluebird Interiors, New York, NY**

2004 – 2011

- o Successfully completed projects ranging in scope from \$15,000 to \$200,000
- o Negotiated remodeling contracts with clients and subcontractors
- o Consulted with clients on project estimates, design issues, budgets, and scheduling
- o Administered all aspects of project budgets
- o Supervised and guided employees and sub-contractors
- o Designed and constructed built-ins and other special features
- o Resolved construction and installation problems

**SOFTWARE**

**Air quality**

Breeze AERMOD, MOVES, NONROAD, CAL3QHC/R, AERSCREEN

**Other**

ArcGIS, AutoCAD, MS Office, MATLAB, C++, STELA, ANSYS Fluent

**EDUCATION**

B.E. cum laude, Environmental Engineering, The City College of New York (February 2014)

A.S., Civil Engineering Science, LaGuardia Community College, NY (December 2010)

**CERTIFICATIONS**

Engineer in Training (EIT) certification, State of New York (June 2014)

Lead-Safe Renovation, Repair, and Painting certification #R-I-9421-10-01382

**HONORS**

Who's Who in American Universities and Colleges, City College of New York (2012-2013)

Dean's List, LaGuardia Community College (four semesters)

**RELEVANT COURSEWORK**

Electrical Circuits  
Environmental Engineering  
Environmental Impact Assessment  
Environmental Water Resources  
Fundamentals of Atmospheric Science  
Introduction to GIS  
Remote Sensing  
Structural and Site Plans  
Thermodynamics

**AFFILIATIONS**

Volunteer, Habitat for Humanity. Superstorm Sandy Rebuilding project

Member, Urban Green Council

Member, American Contract Bridge League (ACBL), competitive bridge player