

Colten Scott Appleby

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EDUCATION

B.S. in Industrial Engineering

Rensselaer Polytechnic Institute

2014 - 2018

Troy, NY

SKILLS

Programming Languages Python | JavaScript | Ruby | PostgreSQL | Git | R

Technologies Docker | Ruby on Rails | React.js | d3.js | REST

Software Palantir Foundry | Revit, Navisworks | Excel, Solver | QGIS | SAP ByDesign

EXPERIENCE

Katalyst.DI

Nov 2021 - Present

Integration Engineer

New York, NY

- Developed data pipelines from Katalyst.DI's (KDI) supply chain platform, customer's data, and public sources with Palantir Foundry. PySpark transformations from raw data to backing datasets for a robust Ontology designed to extract actionable intelligence to sell to clients
- Built integrations between Autodesk BIM360, Procore, Google Sheets and Airtable with KDI platform and Palantir Foundry
- Developed NPM package for charts and graphs in React and d3.js. Assisted with KDI's platform's front end in React and TypeScript. Helped migrate the data microservice from Java Spring Boot to .NET

WR Liggett LLC

Jan 2021 - Nov 2021

ERP Technology Integrator

New York, NY

- Supply Chain, BoM, current state and future state mapping. Inventory and engineering software integrations
- Reorganized, cleaned, and transformed PostgreSQL database into flat files for transfer into new system

WeWork

June 2017 - Dec 2020

ERP System Integration Project Manager

New York, NY

- Coordinated implementation of \$1M SAP Business ByDesign ERP system for all areas of the business: supply chain, manufacturing, and financial systems of the pre-fabrication construction manufacturing facility
- Modeled supply chain projections and logistics analytics with python and excel for all North American projects

Construction Technology Researcher

New York, NY

- Built python regression models to forecast material costs for WeWork's North American construction spending
- Promoted from Intern to Associate to Lead . Helped build a team of 25 members. Survived multiple rounds of downsizing before team was disbanded
- Formed WeWork's Construction Technology Studio to help lower construction costs through data analytics, field technology, and Building Information Management (BIM). Worked with Global Head of Construction to write and launch WeWork's Construction 2.0 initiatives with the use of BIM

ADDITIONAL EDUCATION

Flatiron Bootcamp

Feb 2021 - May 2021

Full Stack Web Development Coding Bootcamp

Baseball Lowlights - [OFE](#) | [OBE](#) - Watch, comment, like, and discuss your favorite baseball highlights! Technologies used: React, Javascript, Ruby, Ruby on Rails, PostgreSQL

Hoose - [OFE](#) | [OBE](#) - Web app designed to compare zip codes' housing values with the local job market Technologies used: React, javascript, React Charts, Nokoguri, RESTful, Ruby on Rails, PostgreSQL, SQL

Brewmaster - [Github](#) - View, review, find, and enjoy craft beers, breweries and pubs Technologies used: Ruby on Rails, SQLite, Active Record, MVC

FreeCodeCamp

2021

Full Stack Web Development Coding Bootcamp

Data Visualization - [Certificate](#) - Data Visualization with d3.js

OTHER INTERESTS

Baseball | Statistics | History | Running | Skiing | Photography