Colten Appleby

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EXPERIENCE

Katalyst.DI
Integration Engineer

Nov. 2021 – Present
New York, NY

- Developed bidirectional data pipelines for proprietary software platform utilizing Palantir Foundry and Pyspark transformations
- Developed integrations with several cloud platforms, including Autodesk Construction Cloud, Procore, Google Sheets, and Airtable
- Developed, tested, and published NPM packages for use in Katalyst's web based software platform in React.JS and d3.js
- Contributed to microservice migration from Java Spring Boot to .NET

WR Liggett LLC
ERP Technology Integrator

Jan 2021 – Nov 2021
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
Construction Technology

Jan 2020 – Nov 2020
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
- Implemented LEAN strategies

Construction Technology Lead

May 2017 - Jan 2020

- 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

TECHNICAL SKILLS

Proficient Languages: JavaScript, React, d3.js, Python, SQL (Postgres), HTML/CSS, R, Ruby, Ruby on Rails
Exposure: C++, Java, Spring Boot, .NET
Developer Tools: Palantir Foundry, OpenAI GPT, Git, Docker, VS Code, Airtable
Technology: REST, MVC, LEAN

EDUCATION

Rensselaer Polytechnic Institute
Bachelor of Science in Industrial Engineering GPA 3.03/4.0

Troy, NY
Aug. 2014 – May 2018

Flatiron School
Full Stack Web Development Coding Bootcamp (15 Weeks)

New York, NY
Feb. 2021 – Jun 2021

PROJECTS

Baseball Lowlights | *JavaScript, React, PostgreSQL, Ruby, Ruby on Rails, CSS*

May 2021

- Github Front End | Github Back End
- Watch, comment, like, and discuss your favorite baseball highlights!

INTERESTS

Baseball, Sabermetrics, Craft Beer, Travel, Photography, Running, Skiing, Hiking, Sailing