

# Andrew Leonard

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## EXPERIENCE

### ALDI US

05/2021 – present

#### *Senior Supply Chain Analyst*

**Batavia, IL**

- Utilize machine learning models to forecast demand for core range, seasonal, and promotional retail items
- Compared BI platforms in order to reduce user license expenses for the company by \$1.4 million per year

11/2018 – 04/2021

#### *Merchandise Supply Analyst*

**Batavia, IL**

- Developed tool to forecast the sale of holiday products and reduced the company average out of stock from 11% to less than 3%
- Collaborated with industry experts to create data-driven solutions in R, SQL, and Tableau

### CONSOLIDATED GRAIN AND BARGE

02/2017 – 08/2018

#### *Junior Trader*

**Mandeville, LA**

- Co-managed the market risk exposure for each portfolio of exotic and exchange traded derivatives
- Developed a Python-based web app in order to reduce market risk exposure and the time to provide quotes from a 30-minute delay to real-time

11/2016 – 01/2017

#### *Business Development Analyst*

**Mandeville, LA**

- Implemented new strategies to streamline data wrangling and pre-processing

05/2015 – 10/2016

#### *Grain Merchandiser*

**Gladstone, IL**

- Responsible for expanding grain origination in southeast Iowa and west central Illinois for 3 country elevators and 3 river terminals

06/2014 – 08/2014

#### *Grain Merchandiser Intern*

**Gladstone, IL**

- Established a working knowledge of exchange traded derivatives, forward contracts, hedging, and cash commodities in the marketplace

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## EDUCATION

### UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

2010 - 2015

#### *Bachelor's Degree of Science*

- Agricultural & Consumer Economics
- Technical Systems Management

06/2015 – 08/2015

#### *Lemann Scholar*

**Rio de Janeiro, Brazil**

- Assisted Dr. Werner Baer in the analysis of agricultural economics and trade in Brazil

06/2013 – 08/2013

#### *Lemann Scholar*

**Rio de Janeiro, Brazil**

- Assisted Dr. Werner Baer in the analysis of Brazil's infrastructure in preparation of the World Cup and Olympic Games

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## SKILLS

- **Scripting Languages:** R and Python
- **Query Languages:** SQL, Oracle, Impala and Hive (Hadoop)
- **Data Visualization:** Tableau, R Shiny, R Markdown, and Photoshop
- **Design Extract/Transform/Load (ETL)** Applications around bounded contexts
- **Econometrics and Statistics**