

# Rodrigo Tosaki

Data Analyst | Portfolio: <https://rtosaki.github.io/RodrigoTosaki.github.io/>

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## EXPERIENCE

### The Home Depot

#### Data Analyst Supply Chain – Remote

DEC 2023 - PRESENT

Supported WMS transitions for SDC network by ensuring master data quality  
Performed A/B testing and developed Python scripts for data cleaning  
Maintained the team's automated SQL scripts and documentation used for reporting, operations, and internal client analytics

#### Logistics Engineer – Atlanta, GA

JUN 2022 - DEC 2023

Empowered 6% reduction in wasteful labor nationwide by developing SQL to capture a particular category of wasteful labor hours, providing Tableau visualizations, and training operators on how to utilize them  
Ran staffing pilot resulting in 19% increase in productivity in RDC 5521

### Bonduelle Fresh Americas

#### Manufacturing Engineer Intern – Jackson, GA

JUN 2020 - AUG 2020

Completed lean manufacturing project with \$25,000 in annual savings  
Presented results directly to CEO, Executive Board, and staff ~100 viewers

## EDUCATION

### Georgia Institute of Technology

#### B.S. Industrial & Systems Engineering

AUG 2017 - MAY 2022

### University of Colorado Boulder

#### M.S. Data Science | GPA: 3.7

MAY 2023 - PRESENT

Coursework: Algorithms, Data Mining, Data Structures, Database Design, Dynamic Programming, Regression, Statistics, Machine Learning

## PROJECTS

### Relational Database Design — CU Boulder: DTSA 5733

Designed a relational database by conceptualizing an entity-relationship model + diagram, then normalizing to third normal form for implementation.

### Premier League 18/19 Statistics Dashboard: Tableau

Designed an interactive sports statistics visualization with Tableau Public.  
Extracted player images by web scraping via BeautifulSoup Python library.

### Walmart Sales Data Correlation Analysis: Python

Utilized pandas to clean and preprocess dataset to ensure data integrity and quality. Employed statistical techniques to identify significant correlations between factors including sales, unemployment, fuel prices, and others.

## SKILLS

**SQL:** GCP (Google Big Query),  
Microsoft SQL Server, MySQL

**Visualization:** Tableau, Looker

**Python:** Pandas, NumPy,  
Matplotlib, BeautifulSoup

**R:** dplyr, ggplot2, tidyverse

**Microsoft Office:**  
Excel+Simba ODBC, Powerpoint

## PROFESSIONAL CERTIFICATIONS

IBM Introduction to Data Analytics

SQL for Data Science, UC Davis

Fundamentals of Visualization  
with Tableau, UC Davis

## LEADERSHIP

**Georgia Tech Toastmasters**  
Developed public speaking and  
professional communication skills

**Georgia Tech Data Science Club**  
Learned foundational concepts and  
skills for data science

## LANGUAGES

Native: English, Portuguese  
Fluent: Spanish  
Elementary: French