

Ryan Hilber

Data Analyst • Mathematician

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Profile

I am a critical thinker who is passionate about using data to solve complex problems. My previous experience as a mathematics educator has helped me to develop the analytical and communication skills necessary to excel in data analytics. Although I am new to this field, I am ready and excited to leverage my unique skills in a new role.

Skills

- Data Analytics: SQL (PostgreSQL), Python (Jupyter Notebook, pandas, matplotlib, geospatial, etc.), Power BI, Tableau, Advanced Excel
 - Other: Git/GitHub, Kanban Boards, Communication, Teaching
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Experience

Data Specialist • YipitData • New York, NY (Remote)

Starting June 2021

YipitData is the on-demand, 100+ person data team for hundreds of the largest hedge funds, mutual funds, pension funds, private equity funds, family offices, sovereign wealth funds, and venture capital funds in the world. We identify, screen, license, clean, and analyze alternative data to help investors answer their key questions.

- Use Python and SQL to analyze data and find insights for clients
- Create and write data reports that are consumed by the top investors in the world

Data Analytics Apprentice • Nashville Software School • Nashville, TN

January 2021 – present

Nashville Software School is a technical school located in Nashville, Tennessee. The Data Analytics Bootcamp is a six-month intensive program to teach the fundamental skills needed for data analytics. The curriculum is built collaboratively with partner employers to ensure that students are learning the latest tools, frameworks, and best practices used by data teams in the local marketplace.

- Work individually and in teams to solve real-world problems and present solutions
- Create presentations, dashboards, marketing materials, and more using Excel, SQL, Python, Tableau, and Power BI

Mathematics Teacher • Page High School • Franklin, TN

January 2016 – May 2021

Page High School is a public school located in Franklin, Tennessee. In 2021, they were the 8th ranked public high school in the state of Tennessee.

- Simultaneously developed and delivered instruction for four different courses at once, double the typical teaching load
 - Conveyed complex concepts to a novice audience in an accessible way
 - After my first year of teaching, I used standardized testing data to improve my students' AP Exam average scores by 40%
 - My students consistently led the district in AP Exam average score and passing rate
 - Level of Effectiveness: Exceeds Expectations
 - Senior Project Board Member: 2016 – 2021
 - Freshman Mentor Club Sponsor: 2017 – 2021
 - Taught remotely via Zoom for portions of the 2020-2021 school year
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Education

Nashville Software School • Nashville, TN

Expected Graduation Date: June 2021

Data Analytics Bootcamp Certification

Scholarship Recipient

Lee University • Cleveland, TN

August 2012 – December 2015

Bachelor of Science in Mathematics Education

Summa Cum Laude

Projects

[Nashville COVID Cases and Vaccines](#) (Python)

- Group project where we explored COVID-19 data
- My role was to look at cases and vaccinations vs. education level

[Lahman Baseball](#) (SQL)

- Individual project where I wrote queries to answer questions about the MLB using a 20+ table database

Awards

- Page High School 2021 Teacher of the Year nominee
- Lee University Excellence in Student Teaching Award 2015
- Lee University Mathematics Education Award 2015