

# Connor Michael Jones

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## EDUCATION

### Georgetown University

*Master of Science in Data Science and Analytics*

GPA: 4.0

Washington, D.C.

May 2026

### The University of Chicago

*Bachelor of Arts in Economics with a Specialization in Data Science*

Chicago, IL

June 2022

## TECHINICAL SKILLS

**Languages:** Coursework in Modern Standard Arabic, Spanish Seal of Biliteracy (Denver Public Schools)

**Computer:** MS Office, RStudio, JavaScript (MERN Stack), Python (Pandas/TensorFlow), SQL queries, Tableau/BI, Alteryx

**Personal:** Skiing, Lacrosse, Chess, Poker, Reading Fantasy & Science Fiction Novels

## PROFESSIONAL EXPERIENCE

### Artificial Intelligence Measurement & Data Science Laboratory

*Graduate Research Assistant*

Washington, D.C.

October 2024 – Present

Cleaned data, developed R/Python scripts, and implemented machine learning techniques to interpret international large-scale educational assessments to understand test effectiveness and uncover patterns in student problem-solving strategies.

- Constructed R and Python scripts to clean and feature engineer test results from 30+ countries that participated in the 2019 Trends in International Mathematics and Science Study (TIMSS)
- Implemented machine learning techniques like t-SNE clustering and PCA dimensionality reduction to uncover and visualize latent trends and patterns in the behavior of high performing students

### CharterUP Technologies

*Senior FP&A Analyst*

San Francisco, CA

June 2022 – August 2024

Employed advanced data analytics tools like Alteryx Designer and Python to optimize financial reporting, forecasting, and payment processing. Engineered automated workflows, built financial models, and designed dashboards to support strategic decision-making and enhance operational efficiency.

- Built Alteryx Designer workflows to connect to an Amazon Redshift data warehouse via PostgreSQL queries that deliver daily monitoring of the company's several proprietary charter bus databases
- Utilized Python Selenium Package to direct web browser bots in automated entry of customer financial information
- Built and balanced monthly, quarterly, yearly, and LTM financial statements for Board reporting packages
- Produced 2024-2025 revenue and budget forecasts with models including Growth Based Monthly P&L Projections, Bottom-Up Sales Rep Revenue Projections, and Weekly Cash Flow Forecasts
- Integrated Zapier with Brex to create a flexible payment system for non-partner vendors, and engineered Alteryx Workflows to automate large-scale accounts payable tracking with a NACHA file system executing up to \$1,000,000 in daily vendor payments

### Is Inspired, LLC

*Data Analyst*

Denver, CO

June 2020 – January 2022

Automated and optimized data reporting processes, created and migrated data visualizations to dashboards, and developed interactive tools to enhance project management and financial monitoring for clients.

- Employed Microsoft VBA and RStudio to consolidate, optimize, and automate 18 weekly operations reports used by the fund allocation team at a Fortune 500 cloud services and data management company
- Engaged with clients to design data visualization standards and migrated 500+ files from client's internal servers to optimized dashboards, while establishing protocols and mechanisms for updating and storing additional data
- Received certification in the Business Intelligence software Smartsheet and deployed those skills for clients to create project management timelines with automatic messaging and data manipulations
- Developed smart, interactive dashboards for a variety of clients to track project management timelines, identify underperforming systems, and monitor financial information

## PROGRAMMING PROJECTS

### Independent Study

- Developed a [basic social media clone](#) using the JavaScript MERN stack that enables user sign-up, post creation, editing, deletion, liking, and account following, with features like user authentication, dynamic post feeds, and real-time interactions
- Programmed a fully functional JavaScript [notes and tickets web application](#) with user authentication, CRUD operations, and real-time updates while utilizing full MERN stack development, API integration, and state management procedures