Jonathan Anders

[Portfolio](#) | Jacksonville, FL | jonathananders99@gmail.com | 206-225-4424 | [LinkedIn](#)

Data Analytics, Database Engineering, Data Science

A proactive and determined computer science graduate with a focus on data analytics, database development, and data science, with a passion for using data to inform critical decision-making and drive business success. Gained experience in:

- <u>Creating databases</u> using tools such as **MongoDB**, **Oracle**, **Teradata**, **MySQL**, **GAS**
- <u>Integrating databases</u> using **Golang**, **Power BI**, **ReactJS**, and **NodeJS**
- <u>Analyzing data</u> from databases using **Excel**, **R**, **Python**, **Tableau**, and **Power BI**
- <u>Data Migration</u> from older systems such as **Google Sheets** and **Excel**
- <u>ML algorithms</u> training and predicting with data from databases using **Python** and **R**

EDUCATION

Purdue University | *Indianapolis, IN*

- Bachelors Degree in Applied Computer Science; Cumulative GPA: 3.5 (May 2023)

PROFESSIONAL EXPERIENCE

Elevance Health (Formerly Anthem BCBS) | *Indianapolis, IN*
<u>Data Analyst Intern</u> (June 2022 – August 2022)

- Analyzed datasets, including a massive 50 billion row table using **Teradata** and **Python**
- Addressed business concerns regarding claims adjudication using **Excel** and **Power BI**
- Collaborated with a small team of analysts to solve business problems using **Jira**
- Presented findings to senior stakeholders (CIO) using **Power BI**, and **PowerPoint**

Part-Time Freelance Programmer | *Indianapolis, IN*
<u>Database Engineer</u> (October 2019 – June 2022)

- Built 3 comprehensive databases with integration, automation, analytics, and security measures using **GAS** and **NodeJS**
- Involved over 1,500 hours of design, testing, development, and issue resolution
- Learned client communication including where and how to get client input
- Created tutorial videos for clients and personalized guidance for possible complex technical challenges faced

Purdue University | *Indianapolis, IN*
<u>Computer Science Course TA</u> (January 2023 – May 2023)

- Actively engaged with students in teaching computer science skills, guiding the direction of the course and assignments, troubleshooting technical issues, managing Zoom classrooms, hosting online office hours, and providing grading and feedback.

Nordstrom | *Bellevue, WA & Indianapolis, IN*
<u>Sales Associate and Merchandise Support</u> (July 2018 – January 2020)

- Assisted in inventory management inventory, cash counting, customer assistance, register operation, organization, and shelf stocking

TECHNICAL SKILLS

- **Power BI**: COVID-19 Taxi Data Analysis project using Power-BI and Python. Explored and analyzed New York City taxi data pre, during, and post-pandemic, while also performing comprehensive data cleaning and processing.
- **Tableau**: 2001 Flight Data Analysis project using Tableau and Python. Analyzed flight patterns, cancellations, and the profound impact of 9/11. Uncovered monthly trends, busy airports, and the evolving landscape of air travel in the US.
- **R:** Trained ML algorithms like Neural Nets on big data from healthcare and bank data.
- **MongoDB:** Created database and basic analytics based off Twitter with the cluster hosted by AWS, using Python, NodeJS, and MongoDB Compass.
- **Oracle:** Created a database to store and handle all information necessary for a clothing store inventory system.
- **Google Apps Scripts:** Used google services like Google Apps Script, Google Sheets, Google Drive, Google Calendar, and more to create 3 databases for clients.
- **Golang:** Created to-do list with front end as ReactJS, and backend as Golang + MongoDB.
- **Additional Frameworks and Software:** Experience includes but is not limited to: Python, Teradata, Java, AWS apps, ReactJS, Jira, MySQL, NodeJS, ChatGPT, GitHub, MacOS, SAFe, MSOffice apps. General technical documentation like architecture design documents or user experience design documents.