Jonathan Anders

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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:

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

More information on my projects and skills can be found on my portfolio website.

EDUCATION

Purdue University (IUPUI) | *Indianapolis, IN*
- Bachelors Degree in Applied Computer Science (May 2023)

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.
- **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 a to-do list with front end as ReactJS, and backend as Golang and MongoDB.
- **Additional Frameworks and Software:** Experience includes but is not limited to: Teradata, Power BI, Java, AWS apps, ReactJS, Jira, MySQL, Python, NodeJS, ChatGPT, GitHub, MacOS, SAFe, MSOffice apps. General technical documentation like architecture design documents or user experience design documents.

PROFESSIONAL EXPERIENCE

Elevance Health (Formerly Anthem BCBS) | *Indianapolis, IN*
Data Analyst Intern (June 2022 – August 2022)
- I collaborated with a team at Elevance Health, analyzing diverse datasets, including a massive table of 50 billion rows.

- Using SQL, Python, Jira, Excel, and Power BI, I addressed multiple business concerns and questions regarding claims adjudication.
- I presented my findings to senior stakeholders, including the CIO.

Part-Time Freelance Programmer | *Indianapolis, IN*
Database Engineer (October 2019 – June 2022)
- I built three comprehensive databases with integration, automation, analytics, and security measures.
- This involved over 1,500 hours of meticulous design, testing, development, and issue resolution.
- I also created tutorial videos for clients and provided personalized guidance to a team member for complex technical challenges.

Purdue University (IUPUI) | *Indianapolis, IN*
TA for a computer science course (January 2023 – May 2023)
- I 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 Rack | *Bellevue, WA & Indianapolis, IN*
Sales Associate and Merchandise Support (July 2018 – January 2020)
- Managing inventory through the inventory system, counting cash in the morning, assisting customers in selecting products, operating the register, organizing back stock, and stocking shelves.