





ALEX BAKER

LEVERAGING ANALYTICAL
TALENTS TO TURN
CONFUSING NUMBERS
INTO TANGIBLE INSIGHTS

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EDUCATION

MASTER OF SCIENCE Data Science

Indiana University Bloomington
2020 - 2021

- **Relevant Coursework:**
Business Analytical Modeling,
Data Mining, Tableau, and Big
Data Applications

BACHELOR OF SCIENCE

Computer Science with minor in
Business

Ball State University
2015-2019

CERTIFICATIONS

PYTHON FOR DATA SCIENCE

- University of California San
Diego | 2019

PROBABILITY AND STATISTICS IN DATA SCIENCE USING PYTHON

- University of California San
Diego | 2019

TECHNICAL SKILLS

PYTHON 

SQL 

STATISTICS 

PROFILE

Masters-qualified with 4+ years of experience spanning Data Science, Analysis and Engineering specialized in bringing people and data together and using data and modeling to tell the best story. My entire career to date has been driven by my passion for connecting people with the information they need and driving the growth of the company. I thrive in environments where creative ideation is a daily reality as we proactively seek out exciting insights in the data to design innovative solutions for customers. Looking forward, I am seeking a new opportunity where I can collaborate and develop new solutions to connect people with information.

CAREER HIGHLIGHTS

DATA SCIENTIST

RESERVE TRUST | REMOTE | NOV 2021 - JULY 2022
*STARTUP CLOSED

- Created and maintained datasets from different sources to create a cohesive narrative within the data.
- Generated weekly key metric reports for product owners to drive business decisions.
- Created data validation applications that cut down data discrepancies in the data warehouse by 70%.
- Reworked data pipeline that spans the business in order to create a cleaner code base and to decrease run time.
- Worked with cutting edge research on ML and NPL models to implement in production

STRATEGIC PRICING COORDINATOR [DATA SCIENTIST]

SEYFARTH SHAW | CHICAGO | MAY 2019 - FEB 2020

- Spearheaded business deliverables for a large portion of clients across the North American firm, leading to a 10% increase in business.
- Built custom dashboards to organize and track 100+ attorney's billable hours for 10+ clients resulting in over \$10,000 of incorrectly billed hours to be fixed.
- Work with internal leadership to develop and implement staffing and budgeting models that helps measure account KPIs and decision-making in real-time leading to a 20% increase in revenue.
- Conducted NLP research to create proof-of-concepts models with a geographically distributed team

SOFTWARE DEVELOPER

BALL STATE UNIVERSITY | MUNCIE | AUGUST 2015 - MAY 2019

- Work with Indiana General Assembly to maintain tools in tracking voter engagement.
- Developed a customized host site for faculty and students to store data, upload announcements, and manage their virtual classroom (~200+ users).
- Managed a team composed of 8 people while working directly with the client.
- Spearheaded the development of custom data tracking and analysis for educational technology.

SQL | ANALYTICAL | PROBLEM-SOLVING | STATISTICS