

Alex Thompson

Data Scientist | 3 years experience

Contact: alex.thompson@email.com | Chicago, IL

Education:

- MS in Data Science, Northwestern University (2021)
- BS in Mathematics, University of Illinois (2019)

Experience:

Data Scientist - Allstate Insurance (2022-Present)

- Developed predictive models for insurance pricing and risk assessment
- Built customer segmentation models using unsupervised learning
- Created automated reporting systems for actuarial teams
- Implemented A/B testing for product optimization

Junior Data Scientist - Caterpillar Inc. (2021-2022)

- Developed predictive maintenance models for heavy machinery
- Built IoT data processing pipelines using Apache Kafka
- Created time series forecasting models for demand planning
- Performed statistical analysis for manufacturing optimization

Data Analyst Intern - Deloitte Consulting (2020-2021)

- Analyzed financial data for risk management consulting projects
- Created data visualizations and executive dashboards
- Performed market research and competitive analysis

Technical Skills:

- Programming: Python, SQL, R
- ML: scikit-learn, XGBoost, TensorFlow
- Cloud: AWS, Azure
- Databases: SQL Server, PostgreSQL
- Visualization: Tableau, Power BI, matplotlib
- Statistics: Hypothesis testing, regression analysis, time series