BRADLEY SIMON

EDUCATION

University of Illinois at Urbana-Champaign

Champaign, IL | 2017 – 2021

BS, Information Systems

BS, Statistics

AWARDS

Valedictorian, Magna Cum Laude with Highest Distinction in Statistics, Highest Honors in Information Systems, Dean's List

CLOUD

AWS, Azure, GCP

LANGUAGES

Scala, PySpark, Python, C++, Java, SQL, R, JavaScript, HTML, CSS, Dart

TECHNOLOGIES

IntelliJ, Blockchain, Cloudera, Databricks, Oracle, NVIDIA, Neo4J, Dataproc, Apache (Hive, Spark, Kafka, NiFi, Flink), K8S, Scality, Git/GitHub, Matplotlib, Shiny Web Apps, Firebase, Flutter

SUMMARY

Self-motivated, detail-oriented and analytically-minded, I continually seek opportunities to align my business acumen with my passion for technology and big data. As a data practitioner, I utilize ETL, modeling, and visualization techniques to solve business problems, improve processes, and effectively communicate findings to business leaders.

PROFESSIONAL EXPERIENCE

FTI Consulting — Chicago, IL

Data Scientist / Analytics Consultant — September 2021 – Present

- Lead data engineering and analytics workstreams to deliver reliable and accurate insights to legal professionals around the globe.
- Develop and support applications for users to track claims reconciliation processes and upload supporting documentation.
- Manage and design relational databases, perform ETL, develop PL/SQL stored procedures and user-defined functions, and tune existing PL/SQL procedures to greatly improve performance and reduce downtime.
- Automate extensive weekly reports and develop quality control measures in Python to increase accuracy, generate cost savings, and assist the client in meeting deadlines.

Independent Consultant — Chicago, IL

Data Scientist — January 2021 – Present

- Utilized Databricks and Apache Spark to estimate potential cost and environmental savings resulting from the sharing economy for specialty construction contractors in the United States.
- Trained Random Forest Regression and KNN models in Python to predict the time to sell for real estate properties based on broker price opinion attributes.
- Created database to store operational data and generate financial reports.

Rabine Group — Schaumburg, IL

Data Scientist — May 2020-January 2021

- Evaluated various machine learning models and utilized both Random Forest Classification and logistic regression to predict the probability of winning a project and to explain the relationships of categorical and numerical features in R Markdown reports.
- Deployed the Random Forest Classification model to front line managers using a Shiny web application to automate data wrangling and generate predictions and summary statistics.
- Utilized AWS and Cloudera to produce actionable dashboards and analyses.

Zebra Technologies, Corp. — Lincolnshire, IL

Business Analyst Intern — June 2019-August 2019

- Automated key inventory management reports and dashboards using multiple data analysis and visualization tools including Microsoft Access, Oracle Business Intelligence, and Power BI.
- Developed an inventory optimization tool integrated with PowerApps to generate initial savings of approximately $7 million.

INTREN, LLC — Marengo, IL

Operations Analyst Intern — May 2018-August 2018

- Created and distributed weekly cost analysis reports to identify key areas for improved equipment optimization.
- Utilized SQL and VBA to build a replenishment model for various construction equipment products in Excel.