



BRADLEY SIMON

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EDUCATION

University of Illinois at Urbana-Champaign

Champaign, IL | 2017 – 2021
Bachelor of Science, Management Information Systems
Bachelor of Science, Statistics

University College Dublin
Dublin, Ireland | January 2019 – May 2019
Business Exchange Program

CERTIFICATIONS

- Data Science from the University of Illinois
- Bloomberg Market Concepts

TECHNOLOGIES

- SQL, R, Python, Spark, HTML, Power BI, MS Access, AWS QuickSight

SUMMARY

Self-motivated, detail-oriented and analytically-minded, I continually seek opportunities to align my business education with my passion for technology and big data. As a data scientist and business analyst, I have utilized data wrangling, validation, modeling, and visualization techniques to solve business problems, improve processes, and effectively communicate findings to business leaders.

PROFESSIONAL EXPERIENCE

Rabine Group Schaumburg, IL
Data Scientist May 2020-Present

- Evaluating various machine learning models and utilizing 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
- Deploying the Random Forest Classification model to front line managers using a Shiny web application to automate data wrangling and generate predictions and summary statistics
- Utilizing Amazon QuickSight and SQL 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 Excel macros to build a replenishment model for various construction equipment products

Students Consulting for Non-Profit Organizations Champaign, Illinois
Project Manager, Consultant September 2018 – May 2020

- Managed a team of four consultants in delivering fundraising optimization solutions to the Junior League of Champaign-Urbana to increase community outreach and their ability to educate women and children in need
- Applied critical thinking skills and classroom knowledge to deliver impactful solutions for nonprofit organizations in the Champaign-Urbana community

University of Illinois at Urbana-Champaign Champaign, IL
Statistics Course Assistant Fall 2020 – Present

- Mentoring and tutoring students of diverse learning needs while reinforcing course content
- Assisting professors in the assessment process and in acting on feedback for course improvement

Illinois Business Council Champaign, IL
Technology Committee Member Spring 2018 – Present

- Participating in weekly events focusing on building professional and leadership development skills and serving the Gies College of Business
- Identifying and executing on opportunities to improve the efficiency and connectivity of the organization with technology