Luke McConnell

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PROFESSIONAL SUMMARY

With a goal of solving modern business problems using data-driven decision making, I help businesses turn their databases, spreadsheets, and applications into enterprise scale analytics platforms. Leveraging cloud resources to automate processes and predictions, I help empower company leaders with decision making tools. I am a continual learner with a passion for the technology that allows everyone to be a data scientist.

EDUCATION

University of Tennessee, Haslam College of Business   Knoxville, TN
Bachelor of Science, Business Analytics   May 2019
Master of Science in Business Analytics   December 2020

EXPERIENCE

LBMC Data Insights, *Business Intelligence Consultant*, Brentwood, TN   June 2020 – Present
- Practices agile scrum development processes to deliver enterprise-scale data platforms and analytics solutions in the healthcare, manufacturing, and retail industries using cloud-based analytics tools
- Creates scalable data warehouses using SQL, Python, PowerShell, Azure Data Factory, and DAX to extract, normalize, and store gigabyte scale datasets
- Communicates business stories using data tools such as Power BI, Analysis Services, and Azure Machine Learning Studio
- Implements software development best practices using development tools including Git, Azure DevOps Pipelines, ARM, and Bicep

LBMC, *Risk Services Intern*, Brentwood, TN   June 2019 – August 2019
- Utilizes Microsoft Power BI to create reporting dashboards to analyze project budgeting, employee scheduling, and company revenue for a firm composed of 9 different companies, over 10,000 clients, and 600 employees
- Conducts system and organizational control (SOC) audits to assure client company's compliance with AICPA Trust Service Criteria and similar frameworks
- Studies security compliance management practices, including SOX, PCI, HITRUST, and GDPR, under certified professionals at a US Top 50 firm

REGAL ENTERTAINMENT GROUP, *Business Analytics Intern*, Knoxville, TN   June 2018 – May 2019
- Developed predictive analysis by testing and tuning over 10 varying algorithms to forecast daily attendance for 560 individual theatre locations
- Constructed a reporting dashboard to benchmark employee procurement card spending for over 3000 cardholders at corporate, district, regional, and theatre levels which resulted in annual savings of over $100,000
- Presented data, reports, findings, and ideas to superiors monthly in an easy-to-understand manor

OTHER EXPERIENCE

GRADUATE TEACHING ASSISTANT   August 2019 – May 2020
- Aided with teaching undergraduate courses in Data Mining (BAS 474) and Regression Modeling (BAS 320)

SKILLS

Computer: SQL, DAX, Python, R, PowerShell, Git, Azure DevOps, Microsoft Azure (Bicep), Microsoft Power Platform
Certifications: Microsoft Certified: Data Analyst Associate, Microsoft Certified: Azure Data Fundamentals, Microsoft Certified: Azure AI Fundamentals, and AWS Certified Cloud Practitioner

PROFESSIONAL ACCOMPLISHMENTS

Sigma Nu Fraternity (IFC Chapter President of the Year & Past Vice-President   August 2015 – May 2019
Student Alumni Associates (Vice-President of Membership)   January 2017 – May 2019