

## Michael David Johnson

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### Summary

Proven data scientist skilled in software engineering and predictive analytics, focused on developing scalable machine learning applications to deliver measurable business value.

### Education

MS Statistics, Texas A&M University (2017)  
MA Economics, George Washington University (2013)

### Certifications

Google Cloud Platform, Machine Learning Engineer (2020)  
Amazon Web Services, Big Data Specialist (2019)  
Microsoft Azure, Data Scientist Associate (2018)

### Memberships

PyData (2019)  
American Statistical Association (2015)

### References

Alan Cordell, Sr Director, Data Science & Enterprise Analytics ([alan.cordell@vspglobal.com](mailto:alan.cordell@vspglobal.com))  
John Davi, Chief Product Officer, BriteCore (<https://www.linkedin.com/in/johndavi/>)  
Paul Patterson, Sr Director, Data Science Practice ([paulp@avianaglobal.com](mailto:paulp@avianaglobal.com))

### Experience

*Senior Data Engineer, Aviana Global Consulting (Remote: Feb 2019-Sep 2020)*

- Deployed multiple predictive modeling solutions for vision care company VSP Global.
- Invented NLP algorithm using Google Trends to enhance iHeart Media's MusicLab.
- Wrote shareable Python applications to support vendor audits at Revenew International.
- Designed models and graphical user interfaces for custom analytics software products.
- Helped junior developers produce value in each stage of the ML lifecycle.

*Lead Data Scientist, MINDBODY Wellness Software (Remote: Apr 2018-Jan 2019)*

- Improved company analytics in collaboration with IT and product development teams.
- Architected ETL pipelines to run complex SQL against enterprise data warehouses.
- Implemented batch scoring models for customer segmentation and churn prediction.

*Data Science Analyst, Hanover Research Council (Remote: Jul 2013-Mar 2018)*

- Analyzed data in multiple formats related to a variety of industry use cases.
- Served as consultant and technical advisor for research project managers.
- Automated data processing and helped the company migrate to the cloud.

*Research Associate, US Treasury Department (Washington, DC: May 2011-Dec 2012)*

- Extracted financial time series and monitored international capital markets.
- Conducted economic research on interest rates and foreign currency exchange.