Brent Lacy

Richmond, VA

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Career Change: Data Analyst with background in education. Previously utilized data analytics to improve metrics across several vectors in educational setting, and seeking to bring this experience to an entry-to-mid level position with newly gained technical skills. Home office environment suitable to work remotely. #ReadyToWork

Technical Skills

- Python
- JavaScript
- SQL
- VBA
- ETL
- PySpark
- HTML

- AWS
- noSQL
- Postgress
- Tableau
- PgAdmin
- Plotly
- MongoDB

- MatPlotLib
- sqlAlchemy
- Agile/Scrum
- Google colab
- CSS
- D3
- Git

- Google drive/suite
- Microsoft suite
- Machine learning
- API usage

Projects

Data Analytics Bootcamp

Feb-July 2020   *University of Richmond*   *Richmond, VA*

- Performed machine learning on data from Twitter and Virginia Dept. of Health to predict change in Covid-19 acceleration in Richmond, VA
- Utilized Python Pandas to analyze financial records, election results and online sales data
- Utilized MatPlotLib and PyPlot to generate visualizations summarizing medical trial data
- Used Postrgres and SQL to perform data modeling and engineering on employment records
- Constructed heatmaps from Flask API based on analysis performed on climate databases with sqlAlchemy ORM queries and Python
- Designed customized websites using Bootstrap and Plotly in Javascript
- Created dashboard displaying scraped web data with MongoDB and Flask templating
- Used d3 library to construct an interactive, multi-dimensional chart on public-health data

Work Experience

Professional School Counselor

2011-2018   *Crestwood Elementary School*   *Richmond, VA*

- Gathered and analyzed data trends across multiple increments to make improvements in attendance rates, disciplinary infractions, student engagement, and school culture
- Built and maintained schedules for multiple programs across campus
- Served as servant leader to teachers and administration
- Partnered with key school and community stakeholders to facilitate student success.
- Provided mentoring advice to teachers, interns and a student body of 575
- Led multiple teams simultaneously involving professional development, community engagement, and student support

Owner, Chief Instructor

2009-present   *Commonwealth Martial Arts, LLC*   *Richmond, VA*

- Deliver differentiated instruction across four locations
- Develop and delivered curriculum to diverse student body
- Lead instructor training process
- Successfully guided six students to black belt and two to instructor level

Education	**Certificate in Data Analysis**	**M.Ed, Counselor Education**	**B.S, Psychology**
	University of Richmond Bootcamp	*Virginia Commonwealth University Richmond, VA*	*College of Charleston Charleston, SC*

Additional Skills			
	• R • Audacity (*audio software*) • Trello (*APM tool*) • Wix	• teaching/instruction • counseling • active listening • conflict resolution	• Slack • Zoom • Skype • Podbean

Certification and Licensure

- Certified Scrum Master, *Scrum Alliance*
- SAFe Scrum Master, *Scaled Agile*
- Senior Black Belt Instructor, *World Tang Soo Do Association*