

# James Bramlett

901-268-5244 | [james@jamesbramlett.com](mailto:james@jamesbramlett.com) | <https://jamesbramlett.com>

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Adept data analyst with a background in experimental psychology. Experienced in a variety of statistical and research methods. Proficient programmer with experience in database management. Skilled in both the interpretation and presentation of data.

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## Skills

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**Statistical Packages:** R, Python (Numpy/Pandas, Scikit-learn), SPSS, SAS, HLM, MATLAB, JMP

**Programming:** Python, SQL, PostgreSQL, MATLAB, Visual Basic, HTML, JavaScript

**Software:** Tableau/PowerBI, Qualtrics, Databricks, Adobe Suite, Unreal Engine, MS Office

## Experience

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**Data Analyst Consultant | (Contract)** 2022-Present

- Prepared, cleaned, and joined data between multiple large-scale databases and platforms.
- Developed statistical models, including regression, growth, and ANOVA with regard for actionable insights.
- Created and maintained BI dashboards as well as visualizations for complex data.
- Translated technical terminology into easily understandable information.

**Graduate Researcher | Group Attention and Behavior Lab, University of Tennessee** 2015-2021

- Directed literature review, research and survey design, participant recruitment, data collection, data management and data analysis with a focus on eventual presentation.
- Developed experiments examining the impact of social factors on opinion, cognitive ability, and performance.
- Designed, engineered, and implemented research-oriented content within various contexts and media.
- Improved existing methodologies, including software, with a focus on future re-implementation and maintenance.
- Automated data collection and cleaning solutions across numerous platforms.

**Lab Manager | Group Attention and Behavior Lab** 2018-2021

- Led and trained a team of assistants in research methodology.
- Developed effective and efficient workflow and policy.
- Provided mentorship both individual and in the form of presentation.
- Maintained and created online databases from which to deploy experimental content.

**Case Manager | Helen Ross McNabb Center** 2012-2014

- Responsible for an active case load of 60 clients within a large spectrum of cognitive and social functioning.
- Clinically documented changes related to behavior, mood, attention, as well as medication management.
- Established individualized programs and goals for all clients.
- Created hands-on lesson plans catered toward individuals of multiple levels of functioning.

## Freelance

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**Founder | UTPugs: <http://ut4pugs.us>** 2015-Present

- Founded an online platform with over 2000 users.
- Collaborated to create a statistics website with extensive real-time data and ranking system to predict outcomes.
- Deployed and maintained multiple servers with a focus on simultaneous propagation of user created content.
- Developed original software for community use.

## Education

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Ph.D. Candidate in Experimental Psychology 2017-2021  
*University of Tennessee, Knoxville, TN*

M.S. in Experimental Psychology 2015-2018  
Minor in Statistics  
*University of Tennessee, Knoxville, TN*