

# SAPANA DONDE

[sapanadonde@gmail.com](mailto:sapanadonde@gmail.com) | (202) 365-9335 | Austin, Texas | [github.com/SD-github21](https://github.com/SD-github21) | <https://www.linkedin.com/in/sapana-donde>

Dynamic Data Specialist with quantitative and qualitative research data analytic skills and emergent skills in full-stack web development. Passionate about maintenance of data health, quality, and integrity. Grounded in a thoughtful, methodical, solutions-focused, and detail-oriented approach to complex data analytics and back-end/server-side web development processes. Experienced in translating between “front-end” stakeholders with data needs yet limited data knowledge and “back-end” data processes, including data cleaning, data entry, database design and development, data analysis, and dissemination and visualization of findings. Recently earned certificates in both Data Analytics/Visualization and Full Stack Web Development from University of Texas at Austin with strong interest in JavaScript, Python, SQL, and MongoDB. Advanced interpersonal skills in active listening; empathic attunement; and cultivating trust and intuiting others’ needs that are helpful when working with clients, customers, and fellow employees. Dedicated towards supporting others’ professional growth. Competent working both independently and collaboratively as a team member.

## CERTIFICATES

University of Texas at Austin Full Stack Web Development - Coding Bootcamp

Graduation: August 2022

University of Texas at Austin Data Analytics and Visualization Bootcamp

Graduation: February 2022

## TECHNICAL SKILLS

**Languages:** JavaScript, HTML, CSS, Python, Excel VBA

**Frameworks:** Express, Bootstrap, Foundation, Flask, Progressive Web Application (PWA), Spark

**Platform & Tools:** Node.js, Jupyter Notebook, pgAdmin, AWS, Google CoLab, Tableau || **Version Control:** Git

**Libraries & Modules:** React, GraphQL, Apollo Server, Sequelize, Mongoose, Handlebars.js, Pandas, Joblib, jQuery, Matplotlib, SQLAlchemy, D3.js, Plotly, Leaflet, NLP

**Databases:** MySQL, PostgreSQL, SQLite, MongoDB, MS Access, REDCap || **Statistical Software:** R, SPSS, SAS

## FEATURED PROJECTS

<https://sd-github21.github.io/my-react-portfolio/>

**Nibbler** | Deployed with Heroku | **August 2022**

- Collaborated with project team members to design and build social media web application allowing users to build an online community of friends around a love of food and restaurants
- Contributed to both back-end and front-end, i.e., Mongoose models, utilizing React for comments display/form and Restaurants page.

**Happy Hour** | Deployed with GitHub pages | **May 2022**

- Collaborated with project team members to design and build web application allowing users to select a cocktail and generate displayed information about that cocktail (images, recipes) and a button feature offering translations of how to order that cocktail
- Built back-end functionality to fetch data from two server-side APIs (Cocktail DB & Google Translate); display data using dynamically generated JavaScript; use localStorage to store persistent data; and created modals with Foundation’s Reveal (jQuery modal plugin)

**Olympic Medal Predictions** | Deployed with Heroku | **January 2022**

- Designed and built web application comprised of 4 webpages showcasing project team’s data analytics and machine learning models examining Olympic medal predictions using Flask, Python, HTML, and CSS
- Created interactive forms to allow users to enter their biometric data, including conversion of height and weight data, to be fed into a machine learning model predicting whether or not they would medal in a chosen Olympic sport and display the result back to the user

**Belly Button Biodiversity** | Deployed with GitHub pages | **November 2021**

- Built webpage for bootcamp assignment to assist mock biological research lab to publish research data of bellybutton bacterial samples
- Utilized JavaScript, HTML, and D3.js library to allow users to select individual participants’ research data and generate dashboard displaying various data visualizations, including a bar chart, gauge meter, and bubble chart

## RELEVANT EXPERIENCE

**Research Associate/Affiliate** **UNIV. OF TEXAS AT AUSTIN** | *Austin, TX* **November 2015 -present-day**

- Principal Investigator and lead research team for original qualitative research examining clinicians’ experiences with trauma interventions
- Utilize technical tools (*MS Excel, Jupyter Notebook, Python*) to store, organize, and analyze qualitative data
- Developed, implemented, and supervised research design, Institutional Review Board (IRB) proposals, data collection, data management, and data analysis protocols and procedures
- Published 4 peer-viewed articles that featured paired samples t tests, multiple regression, path analysis, and multiple logistic regression

**Technical Consultant** **UNIV. OF TEXAS AT AUSTIN** | *Austin, TX* **September 2013 – October 2015**

- Designed and created database in *REDCap* to store, organize, track, and integrate research data (e.g., neuropsychological testing data, genetic testing data, fMRI data, EEG data, etc.) from NIMH-funded translational science research projects

**Research Project Director** **UNIV. OF TEXAS AT AUSTIN** | *Austin, TX* **June 2010 -May 2013**

- Projects included an NIH-funded action research project aimed at developing sensitive victim notification protocols for untested sexual assault kits in Houston, TX and evaluations of prosecutor-based domestic violence program in El Paso, TX
- Designed and created *MS Access* database to store, organize, and track research data, i.e., medical file information and medical documentation

- Completed all research activities: reviewing literature; preparing IRB proposals; data collection through surveys, focus groups & individual interviews; participating in and leading meetings with project stakeholders; qualitative & quantitative data analysis; report-writing; dissemination of findings via workshops, trainings, and presentations; and supervision of research staff

## ADDITIONAL RELEVANT EXPERIENCE

### Technical Consultant

- Provided technical consultation within a diverse range of settings including: Saint John's Hospital Child and Family Development Center, Santa Monica CA | The Lab School of Washington, Washington, DC | Asian Women's Self-Help Association, Washington, DC | Center for Health, Achievement, Neighborhood Growth, and Ethnic Studies, Univ. of PA Grad School of Ed, Philadelphia, PA
- Designed, tested, updated, implemented, and managed *MS Access* databases (including tables, queries, & data entry forms) to track, monitor, & organize research data collection and to facilitate greater utility & efficiency for research & data management purposes
- Designed, tested, & modified *SAS* data entry screens
- Created & implemented organizational systems for data management & data tracking
- Analyzed data & prepared reports for dissemination to stakeholders within and outside of organizations
- Conducted staff trainings and supervised staff to ensure effective database implementation and usage

## SELECTED PUBLICATIONS

Donde, S. D. (2015). College women's attributions of blame for experiences of rape. *Journal of Interpersonal Violence*. doi: 10.1177/0886260515599659

Donde, S. D. (2016). College women's assignment of blame versus responsibility for sexual assault experiences. *Violence Against Women*. doi: 10.1177/1077801216665481

Donde, S., & Ragsdale, S. K. A. (2017). Assuming personal responsibility for sexual assault: Harmful but potentially adaptive for college women? *Journal of Interpersonal Violence*. doi/10.1177/0886260517734223

Donde, S., D., Ragsdale, S. K. A., Koss, M. P., & Zucker, A.N. (2018). If it wasn't rape, was it sexual assault? Comparing rape and sexual assault acknowledgement in college women who have experienced rape. *Violence Against Women*. doi/10.1177/1077801217743339

## SELECTED PRESENTATIONS

Donde, S. (2020, August). *Translating trauma: Applying neurobiology and social science research in helping sexual assault*. Breakout session presented at the 25<sup>th</sup> San Diego International Virtual Summit on Violence, Abuse & Trauma Across the Lifespan of the Institute on Violence, Abuse & Trauma, San Diego, CA.

Donde, S. (2019, August). *Translating trauma: How a holistic understanding of the science behind trauma responses can promote compassion, healing, and justice for victims of interpersonal violence*. Plenary session presented at the 25<sup>th</sup> annual conference of the Care Lodge, Meridian, MS.

Donde, S. (2019, April). *A holistic approach towards translating trauma – Parts 1 & 2*. Workshops presented at the 14<sup>th</sup> annual meeting of the Conference on Crimes Against Women, Dallas, TX.

Donde, S. (2016, October). *The Neurobiology of trauma and criminal justice: How an understanding of the science behind trauma victim responses can promote justice, empowerment, and healing*. Plenary session presented at the 1<sup>st</sup> annual research symposium Victimization, Justice, Healing: from Theory to Practice sponsored by Texas Victim Services Association at Austin, TX.

Donde, S. & McKay, K. (2015, May). *Translating trauma*. Training presented at the 2015 Full Court Press 3.0: Building Capacity for Expert Witness Trainers in the Fields of Domestic Violence, Sexual Assault and Stalking, Lost Pines, TX.

## EDUCATION

Doctorate of Phil. in Clinical Psychology  
Bachelor of Arts in Psychology, cum laude

George Washington University | Washington, DC  
University of Pennsylvania | Philadelphia, PA