**PROFESSIONAL EXPERIENCE**

**Simmie** August 2024 - December 2024

*Data Engineer*

* Developed and deployed RAG tool using OpenAI API calls and Qdrant vector database, allowing users to interact with historical conversation data
* Managed production SQL database of consumer and application data; added, updated, and deleted tables and fields to compliment application updates
* Provisioned all cloud resources in GCP for production and development environments, making them compliant with SOC2 security guidelines

**Codeup** May 2022 - December 2023

*Senior Data Science Instructor*

* Led a team of 10 data science instructors: guided team meetings to solve issues and prioritize tasks for program development and provided training and guidance to instructors as needed
* Created instructor onboarding curriculum to ensure smooth transition for new hires, updated lessons for relevance, and standardized teaching material across all lessons using learning objectives to ensure consistent instruction
* Led 3 20-week courses from start to finish, teaching everything from Python and SQL to statistics and machine learning, enabling career transitions to data science roles for over 40 students

**Emsyte** June 2021 - May 2022

*Junior Machine Learning Engineer*

* Provisioned and configured AWS resources, including S3 buckets and EC2 instances, enabling our team to store data and train machine learning models
* Processed image data, created and trained facial emotion recognition model using TensorFlow to enhance online seminar platform
* Researched and experimented with cutting-edge techniques for deep learning to drive continuous improvement of our machine learning models

**ADDITIONAL INFORMATION**

*Skills:* Python, R, Javascript, SQL, Spark, AWS, GCP, Data Science Libraries (Numpy, Pandas, Sklearn), Tableau

*Awards:* Academic and Athletic All-American, 2-Time Division III National Tennis Champion

**EDUCATION**

**University of Colorado - Boulder**

M.S. in Data Science August 2025

**Texas State University**

B.S. Biochemistry August 2020