

Brooke Stevens

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EDUCATION

Stanford University

M.S. Data Science

GPA: N/A

September 2024 - June 2026

Vanderbilt University

B.S. Mathematics and Engineering Science, Minors in Data Science and Business

GPA: 3.98/4.00 | Summa Cum Laude

August 2020 - May 2024

PROFESSIONAL EXPERIENCE

PwC

Data Science Intern

June 2024 - August 2024

- Developed a test data generator powered by GPT-4, saving engagement teams up to 2 weeks of time on data procurement
- Expanded the application's capabilities to handle complex data types and generate multiple related tables using LangChain
- Redesigned the application's user journey and front-end architecture using Streamlit

Tennessee Department of Environment and Conservation

Data Analytics Capstone

January 2024 - April 2024

- Identified temporal, spatial, and seasonal trends using 33 years of data across 86 monitoring sites in Tennessee
- Presented [notable analytic insights](#) to TDEC team once a month
- Assisted with transition to Tableau to automate analytic processes

PwC

Analytics Intern

June 2023 - August 2023

- Assisted with SQL and Excel data queries to create a single source of truth for a major airline's labor analytics team
- Performed tie-outs in Excel to identify sources of variance between the client's datasets (800k+ entries)
- Built a testing progress dashboard in Excel for the finalized data source

Vanderbilt Data Science Club

Developer

November 2022 - May 2023

- Created an [email summarization and sentiment analysis tool](#) for individuals with cognitive disabilities
- Most notable contributions included fine-tuning the sentiment analysis model and developing its [user interface](#)

WSP

Engineering Intern

May 2022 - July 2022

- Designed roadway and traffic plans using MicroStation and Power InRoads software
- Drafted written proposals and communicated with engineers and external stakeholders

LEADERSHIP EXPERIENCE

Vanderbilt Data Science Club

Vice President of Finance, Social Chair

January 2023 - May 2024

- Responsible for managing the organization's funds and leading general body meetings
- Individually built new [VDS online application website](#) using GitHub Pages
- Assisted exec team with new [VDS main website](#)
- Coordinated monthly social events for developers, engineering managers, and executive board members

Vanderbilt Undergraduate Honor Council

Executive Board

January 2022 - December 2023

- Responsible for preparing written recordings of full panel hearings and distributing minutes from weekly board meetings

Vanderbilt Panhellenic Conference

Recruitment Counselor

April 2022 - February 2024

- Provided individualized mentorship to 40 students during Vanderbilt's sorority recruitment process

SKILLS

Python (Matplotlib, NumPy, Pandas, Scikit-Learn, Seaborn, OpenCV, TensorFlow, Flask, LangChain, Streamlit), R, Git/GitHub/Version Control, SQL, HTML, CSS, Microsoft Azure, Docker, Microsoft Excel, Tableau