

# Brooke Stevens

(404) 840-3435 | [bmstev@stanford.edu](mailto:bmstev@stanford.edu) | [LinkedIn](#) | [GitHub Portfolio](#) | [Website](#)

## 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 water quality 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