Brooke Stevens

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EDUCATION

Stanford University
M.S. Data Science   *September 2024 - June 2026*
GPA: N/A

Vanderbilt University
B.S. Mathematics and Engineering Science, Minors in Data Science and Business   *August 2020 - May 2024*
GPA: 3.98/4.00 | Summa Cum Laude

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 for engineering managers 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, Power BI