

Experience

Goldman Sachs - Engineering Analyst July 2022-Present

- Spearheaded the development of multiple full-stack web applications - reducing report retrieval times by 6x and enhancing the end-user experience through features such as tracking changes in the data over time and alerts to investigate significant data fluctuations.
- Utilized the Python Dash framework and pandas library to easily manipulate data and seamlessly craft an intuitive user interface.
- Maintained a Java micro service built using the Spring Boot framework to streamline integrating data and creating accessible endpoints for efficient data retrieval.
- Guided the design of additional relational datasets for sourcing essential business information from a variety of data sources.
- Maintained development operations through cron-like jobs and kubernetes deployments - ensuring system reliability.
- Collaborated with business users and product team to clearly define problem areas and propose technical solutions.

Goldman Sachs - Summer Engineering Analyst Summer 2021

- Developed a notification chat bot for the development team to track merge requests - enhancing communication and workflow efficiency.
- Designed automated tests using Google's SRE Framework to measure the performance and reliability of financial quoting services.
- Developed a microservice to relay critical information between an internal database and web application.

Haverford College - Teacher's Assistant 2020-2021

- Assisted students in mastering computer science fundamentals.
- Reviewed and enhanced course materials for improved learning outcomes.
- Facilitated effective communication between computer science faculty and students.

Visual Perception and Spatial Cognition Laboratory - Research Assistant Summer 2020

- Contributed to the design of psychology experiments coded in C# using Unity.
- Performed exploratory statistical analysis on experimental data using Python.
- Reviewed literature related to perception and cognition in virtual environments.
- Assisted in communication between participants and researchers.

Education

Haverford College: Haverford, PA Bachelor of Science with CS Honors, May 2022

- *Major:* Computer Science *GPA:* 3.8/4.0
- *Minor:* Psychology

Skills

Languages: Python, Java, SQL

Frameworks: Spring Boot, Dash

Libraries: pandas