

# Abhijeet Shah

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## EDUCATION

Oregon State University | Current GPA: 3.87 | Graduation Date - Mar 2024  
Master of Engineering in Computer Science

Sept 2022 – Present

University at Albany, State University of New York  
Bachelor of Science in Computer Science and Applied Mathematics (CSMAT)

Aug 2017 - Dec 2021

Relevant Coursework: Data Structures, Algorithms, Operating Systems II, Data Science Tools and Programming, Error-Correcting Codes, Database Management Systems, Computer Graphics, Computer Animation

## RELEVANT EXPERIENCE

**Python and Google Cloud - Data Analysis and Visualization**, Coursework Project

Mar 2023

- Analyzed recipe dataset for health-conscious insights. Obtained data from Spoonacular API.
- Managed end-to-end data processes: extraction using Python, transformation via Dataprep and Spark, and table segregation.
- Executed vital Spark and BigQuery queries, and performed trend visualization.

**Python - Student Data Analysis**, Personal Project

Jan 2023

- Analyzed Kaggle's Student Results dataset with numpy and pandas, crafting impactful visualizations for gender distribution, education-score correlation, and ethnic group distribution.
- Conducted insightful impact analysis on parent education's influence on student performance using heatmaps, also noting minimal marital status impact, showcasing strong analytical skills.

**Tableau - Housing Sales Analysis**, Personal Project

Sept 2023

- Conducted a thorough analysis of Housing Sales Data in King County, Washington, utilizing diverse graphical representations in Tableau, including line graphs, heat maps, calendar charts, and histograms.
- Employed strategic visualization techniques to discern trends and patterns within the dataset, ensuring a comprehensive understanding of the housing market dynamics.
- Synthesized findings into an easily interpretable dashboard, carefully curated to highlight essential details derived from meticulously filtered data.

## INTERNSHIP EXPERIENCE

**Data Analyst**, TNM Software Solutions – Ahmedabad, India

June 2023 – Aug 2023

- Cleaned data from a variety of sources, including databases, spreadsheets, and surveys.
- Developed and implemented data analysis and visualization on various live projects using Python and SQL. Also received fundamental knowledge on Tableau.

## VOLUNTEER EXPERIENCE

**Initiative for Society Upliftment Ready to Serve (RTS)**– Ahmedabad, India

May 2016 – Present

- Established and led a transformative initiative featuring curated food stall events, strategically directing proceeds to empower education for underprivileged children. Organized and managed successful events, engaging student volunteers to ensure seamless operations and maximize contributions to the cause. Now merged with "Aatmavikas" NGO, actively contributing to the education of underprivileged children and amplifying the initiative's impact on societal upliftment.

## SKILLS

**Technical:** Python, Tableau, SQL, C++, Google Cloud, Swift, SwiftUI, LaTeX, VS Code, Sublime Text, MS Office, Xcode, PyCharm

**Currently Learning:** PowerBI

**Language:** English, Hindi, Gujarati