

VEERPAL SHAH
COLUMBUS, OH

WEBSITES, PORTFOLIOS, PROFILES

LinkedIn - www.linkedin.com/in/veerpal-shah/ | GitHub - <https://github.com/veerpal-shah>

EDUCATION

BS Computer and Information Science, Minor in Communications Technology & Mathematics (Graduating May 2025)
The Ohio State University - Columbus, OH; GPA: 3.5; 3 times Dean's List recipient

WORK HISTORY

Student Researcher in Artificial Intelligence - Ohio State University @ College of Engineering (May 2023-August 2023)

- Used large datasets written in TeX to train Fine-Tuned model of ChatGPT to generate natural and relevant responses, used for AI model training and performance evaluation, done by applying concepts from Prompt Engineering.
- Developed fine-tuned AI models using Python & OpenAI API to generate natural responses.
- Collaborated with the team to address data-related technical issues and improve data infrastructure.

Resource Room Student Assistant - Ohio State University Student Life @ Keith B Key Center (May 2023-Current)

- Provide support to over 1400 student organizations, and assist student organizations needs such as delivering office supplies to organizations and accommodate with supply rentals, as well as offer organization structuring support.
- Engage in conversations with clients to specifically identify their needs and deliver accordingly.
- Use a scheduling system to manage meeting room reservations.

Student Operations Assistant - Ohio State University Operations @ Schottenstein Center (May 2023-Current)

- Manage and ensure tidiness and hygiene of various spaces with a focus on organizational excellence.
- Excel in a fast-paced environment, demonstrating adaptability and ensure strong teamwork skills to tackle tasks.
- Collaborate with the Operations Department to resolve technical challenges and enhance infrastructure.

Office Assistant - Ohio State University Resident Life (September 2021-May 2023)

- Created welcoming atmosphere for residents as well as visitors, and provided high-quality customer service.
- Efficiently handled incoming mail and packages for 400 residents, ensuring smooth and reliable mailroom operations.
- Handled incoming calls and maintained top-notch customer service in remote settings.

PROJECTS

Portfolio Website – Using Tailwind CSS, React, Next.js to create a website for my portfolio.

Data Scraping – Worked with biology researchers at The Ohio State University to extract information regarding certain amino acids from the NCBI Website. All extracted data was redirected to a database. Used biopython to accomplish this.

GUI Calculator – Built a calculator with a user-friendly interface using Swing Framework GUI.

Word Cloud – Developed a realistic component-based application using standard Java components. Application consisted of parsing a text file to extract all words (without repeats), assembling them in ascending order and outputting them in the shape of a cloud with varying font sizes, on a webpage.

SET Game - Crafted a command-line adaptation of "SET" with features like hint systems, dynamic card drawing, and high-score tracking. Used Ruby's object-oriented principles, Bash for testing, and managed code with Git on GitHub.

EVENTS & INVOLVEMENT

Intramural Soccer Captain (September 2023-Current)

DataFest 2023 Finalists (April 2023) - Used R, Python and Excel to analyze a massive set of data about the American Bar Association (ABA) and generate visual representations of a relevant story. Completed and created a presentation in PowerPoint in under 24 hours, and were awarded the prize of Finalists.

Hack OH/IO 2022 at The Ohio State University (October 2022) – Resolved Engie's challenge to compile data regarding resource usage across Ohio State's campus and display it as a dashboard. Used python libraries matplotlib and pandas to accomplish this.

Hack OH/IO 2021 at The Ohio State University (October 2021) – Developed a web app that utilizes prescriber data to generate trend and target reports for doctors.

Vice-President for Morrison and Siebert Community Council (September 2021 - April 2022) – Responsible for local residential community wide programming events, as well as dorm feedback and upkeep.

SKILLS

Programming Languages (ordered by proficiency): Java. Python. JavaScript. HTML/CSS. R. C/C++. MySQL. Ruby. x86-64.

Technology and Frameworks: React.js. Next.js. Bash. Tailwind CSS. Git. Visual Studio Code. JUnit. GNU Debugger. Flask. Swing Framework. Microsoft Office Suite. Linux/Windows Command Line. ParseHub. Vercel. Ruby on Rails.

Other: Data Structures and Algorithms, Adobe Lightroom and Photoshop, Data Analysis and Visualization, Communications