

Ansh Sarda

San Diego, CA | (512) 203-3278 | anshsarda@outlook.com | linktr.ee/anshsarda

Skills

Technical Skills: **Python (Pandas, NumPy), SQL, R, Data Analysis and Statistics**, Google Sheets, Microsoft Excel/Word.
Interpersonal Skills: **Communication, Teamwork/Collaboration**, Creative Problem Solving, Adaptation and Learning.
Languages: English, Conversational Hindi, Basic Latin and Spanish.

Education

University of California, San Diego - La Jolla, CA - **B.S. Cognitive and Behavioral Neuroscience** Graduation: 06/2026
Courses: Applied Python, Statistics, Research Methods, Cognitive Neurobiology, Calculus I-III, Linear Algebra. **GPA: 3.97**
IBM - Coursera - **IBM Data Science on Coursera (linked)** 07/2024 - 09/2024
Applied Data Science/Machine Learning, Python (pandas, NumPy, SciKit, Matplotlib, Dash/Plotly), R, RStudio, SQL.
LBJ Fire Academy - Austin, TX - **Emergency Medical Technician (EMT) Certified** 08/2021 - 06/2023
Focused on emergency care, trauma response, patient assessment, CPR, finally resulting in NREMT certification and licensure.

Research Experience

Undergraduate Research Assistant - La Jolla, CA - **Telese Lab, UCSD Dept. of Psychiatry (linked)** 09/2024 - Present

- Identifying addiction behavior trends in mice using DeepLabCut, a deep learning tool for animal pose estimation.
- Computationally analyzing mice fiber photometry data to explore the link between addiction, brain activity, and behavior.
- Contributing to the design and execution of behavioral experiments focused on addiction-related neural circuits.
- Optimizing data preprocessing and visualization to enhance the interpretability of complex neural and behavioral datasets.

GitHub Projects

Exploratory Data Analysis on SpaceX - IBM Data Science on Coursera

- Performed analysis on SpaceX mission datasets with Python (pandas, NumPy, Matplotlib), uncovering outcome patterns.
- Analyzed correlations between mission success rates, customer profiles, and launch site performance, identifying trends.
- Developed interactive visualizations and dashboards with Plotly/Dash, making complex data more accessible.
- Presented findings and actionable insights in presentation to peers/faculty, offering recommendations for optimizations.

Personal Website

- Utilized a template to create personal website with CSS, JS and HTML to showcase projects and professional experience.
- Focused on clean design and clear navigation to provide an engaging user experience.

Other Work Experience

Rec Experience Assistant - La Jolla, CA - **UCSD Recreation** 04/2024 - Present

- Providing customer service and a smiling face to those who utilize UCSD's recreational facilities.
- Managing equipment, detailing logs, and other day-to-day tasks while using communication and teamwork skills.
- Responsible for opening and closing facilities, managing the front desk, and ensuring a smooth transition between shifts.

EMT Instructor - Austin, TX - **LBJ Fire Academy** 08/2023 - 09/2024

- Taught over 25 high school students, instructing using visual and hands-on methods about emergency medicine.
- Conducted practical skills simulations to reinforce learning, preparing students for real-world emergency situations.
- Provided feedback to students on their performance, identifying areas for improvement and skill development.
- Collaborated with staff and admin to develop schedules, lessons, and assessments, ensuring alignment with program goals.

Front Desk Assistant - Austin, TX - **St. David's HealthCare** 05/2022 - 06/2023

- Cleaned and sterilized 1000+ instruments, disposed of contaminated supplies, prepared rooms for patient examinations.
- Greeted and logged arrivals, recorded patients' medical history, baseline vitals, or test results in medical records.
- Performed general office duties, such as answering telephones, taking dictation, or helping complete insurance forms.
- Upheld confidentiality standards in handling sensitive patient information, adhering to HIPAA regulations and policies.

Food Service Worker - Austin, TX - **Chipotle** 12/2021 - 08/2022

- Received food and drink orders, taking payment from customers, utilizing interpersonal interaction skills constantly.
- Maintained sanitation, health, and safety standards in work areas while stocking workstations, and display cases.
- Thrived in high customer traffic, managing 50+ customers consistently and maintaining time management for 8+ hours.

Interests

Scuba Diving, Hiking/Backpacking/Canoeing, Pickleball, Travel, Foodie, Video Games/VR, Sci-fi Nerd.