Vishal Patel

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EDUCATION

University of California, San Diego   **La Jolla, CA**

B.S. in Cognitive Science with specialization in Machine Learning and Neural and Computation.   **Major GPA: 3.9**
Double Minor - Data Science and Finance   Expected June 2025

- **Honors:** Provost Honors, Good Standing
- **Relevant Coursework:** Data Analytics, Data Science, Neurobiology, Finance, Accounting, Machine Learning, Artificial Intelligence

WORK & LEADERSHIP EXPERIENCE

UCSD ITS Classroom Maintenance Assistant   **La Jolla, CA**

Part-time Job   November 2023 – Present

- Ensures that all lecture halls are ready with the surface wiped, touch screens responsive, microphone transmitter battery exchanged and provided with a spare full charge battery every day before 8AM
- Provide weekly maintenance for 40 classrooms to ensure technologies working properly and rooms are clean

Trago Tech   **Los Angeles, CA**

Intern   July 2023 – September 2023

- Perform data wrangling to acquire data from a website and create a small dataset to be used for future modeling
- Prepare a small 50 observations dataset and use this dataset to create a predictive supervised learning model

Auro Pharmaceuticals, Inc.   **La Habra, CA**

Volunteer   July 2022 - September 2022

- Developed a new process to eliminate bottleneck and increase production quantity by 20% per week
- Perform quality assurance and quality control through pressure testing on ointment container
- Create an info sheet to help customers easily access important websites and information for vaccines
- Create an excel sheet to speed up billing processing by 15% by easily providing a document where pharmacist can look up vaccination and identify proper billing information

Boy Scouts of America   **Cerritos, CA**

Senior Patrol Leader

- Led Boy Scout trip through various activities specially designed to teach all scout outdoor life skills; first aid, knots, fire building, safe knife use
- Directed out Boy Scout troop to attain a prestigious recognition award at a summer camp competing against 20 other troops
- Increased average troop meeting and outdoor excursion attendance by 23%
- Led an Eagle Project at a local municipal airport; raised $220 by designing and carving custom-made wooden plaques to acquire all necessary parts and provide lunch for volunteers

Office of Student Disability   **La Jolla, CA**

OSD Note Taker   Sept. 2021 – Dec. 2021 | Sept. 2022 – Dec. 2022

- Took notes during lecture three times a week for the entirety of a quarter
- Provided around 60 notes for a student registered with OSD, who is not able to write down notes

CERTIFICATIONS

- Machine Learning by Stanford University & DeepLearning.AI on Coursera earned on August 14, 2023
  - **Unsupervised Learning, Recommenders, Reinforcement Learning:** Principal Component Analysis, Clustering, Collaborative Filtering
  - **Advanced Learning Algorithms:** Decision Trees, Multiclass Classification, Artificial Neural Networks, SoftMax
  - **Supervised Machine Learning:** Regression, Classification, Gradient Descent, Logistic Regression
- Python (Basic) on HackerRank earned on October 9, 2023
  - Scalar types, Operators and Control Flow, Strings, Collections and Iteration, Modularity, Objects & Types & Classes

TECHNICAL SKILLS

Languages: Java, Python, Basic HTML

Developer Tools: Git, VS Code, IntelliJ, Sublime Text, Jyupter Notebook

Libraries: pandas, NumPy, Matplotlib, Sci-kit learn, Tensor Flow, Flask, spacy

ACTIVITIES & INTERESTS

Awards: Eagle Scout Award

Activities: Project RISHI (UCSD) – Committee Member, DS3 (UCSD) – General Member

Hobbies and Interest: Gardening, Carpentry, Golf