

GOBIND PUNIANI (HE/HIM/HIS)

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EDUCATION

DOMINICAN UNIVERSITY OF CALIFORNIA

B.S. in Applied Computer Science, Data Science and Back-End Web Development

San Rafael, CA

Graduating May 2022

Relevant Curriculum: *Product Development & Management, Data Structures & Algorithms, ML & DL, NLP, Core Applications of A.I.*

Activities and Societies: Data Science Club, Future Entrepreneurs Group, Peer Mentorship, Productivity Resource Group, Tech Interview Prep

CALIFORNIA STATE UNIVERSITY, FRESNO (MAGNA CUM LAUDE)

B.S. in Applied Mathematics, Mn. Physics

Fresno, CA

Graduated May 2020

Relevant Curriculum: *Calculus I-III, Linear Algebra, Statistics, Partial Differential Equations, Mathematical Modeling, Numerical Analysis*

Activities and Societies: Laval Entrepreneurship Mentor Program, Society of Industrial & Applied Mathematics Club, Peer Mentor, Phi Kappa Phi

PROFESSIONAL EXPERIENCES

DOMINICAN UNIVERSITY OF CALIFORNIA

Senior Teaching Assistant | Data Science Concentration

San Rafael, CA

Nov. 2021 – Present

- Led the class guidance and instruction for various levels of education and assisted in teaching content curriculum for the entire Data Science track (junior and senior level students)
- Developed Mathematics curriculum for the Data Science track, achieving completion of advanced content for degree requirements and progression

OMNITRACS, LLC

Data Science Intern | Data Science & AI Team

Dallas, TX

June 2021 – Aug. 2021

- Analyzed and explored data, developed visualizations, and generated insights about trucking activity related to major seaports using industry tools such as Snowflake, Looker, and Confluence
- Presented a comprehensive report on my project to the Data Science team, including the Director of AI and the Chief Data & AI Officer of Omnitrac

CALIFORNIA STATE UNIVERSITY, FRESNO

Instructional Student Assistant | Department of Mathematics

Fresno, CA

Aug. 2019 – June 2020

- Tutored students of all levels in math courses (Calculus I-III, Linear Algebra, Statistics, etc.)
- Graded homework assignments for Numerical Analysis course

PERSONAL PROJECTS

DEEP LEARNING RESEARCH PROJECT

Lead Student Researcher

Fresno, CA

Aug. 2019 – Present

- Investigated adaptive activation functions for neural network optimization with a targeted publication date of Fall 2022
- Achieved 3rd place in the Undergraduate Oral Presentation division at the College of Science & Mathematics Virtual Research Showcase (May 2020)

HIGHLIGHTS AND ACCOMPLISHMENTS

NATIONAL PHYSICS HONOR SOCIETY

Lifetime Member | Sigma Pi Sigma

Fresno, CA

Feb. 2019 – Present

PRESIDENT'S HONORS SCHOLARSHIP

President's List & Dean's List | Smittcamp Family Honors College

Fresno, CA

Aug. 2016 – May 2020

TECHNICAL SKILLS

Languages: Python, HTML/CSS/JavaScript, SQL, Solidity, Go, Swift, C++

Frameworks: PySpark, Dask, React, Bootstrap, D3.js, Node.js, Express.js, UIKit/SwiftUI

Software Tools: Docker, Unix, Git, Looker, LaTeX, Mathematica, Jupyter Notebook, Google Colab, MongoDB, Anaconda, Agile Management (Jira, Confluence, Trello, etc.)

Libraries: PyTorch, TensorFlow, Pandas, NumPy, Sklearn, Matplotlib, Seaborn, FastAPI, Flask, Django, Beautiful Soup, SQLAlchemy