

GOBIND PUNIANI (HE/HIM/HIS)

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EDUCATION

DOMINICAN UNIVERSITY OF CALIFORNIA

B.S. in Applied Computer Science, Data Science Concentration

San Rafael, CA

Graduated May 2022

Relevant Curriculum: *Product Management, Data Structures & Algorithms, Machine Learning, Deep Learning, NLP, Core Applications of A.I.*

Activities and Societies: Data Science Club, Mathematics Club, Future Entrepreneurs Student Group, Peer Mentor, Productivity Student Group

CALIFORNIA STATE UNIVERSITY, FRESNO

B.S. in Applied Mathematics, Mn. Physics – Magna Cum Laude

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 – May 2022

- Tutored 25+ students across junior- and senior-level Data Science courses in weekly office hours and occasionally led class discussions
- Collaborated with the Adjunct Professor of Data Science to develop curriculum and strategize on content delivery
- Wrote 10+ challenges, tutorials, and projects for multiple Data Science courses, and curated content for a mathematics curriculum

EEK ANDERSON MEDIA

Product Management and Software Development Intern | Industry Collaboration Project

San Rafael, CA

Aug. 2021 – Dec. 2021

- Managed sprint planning, wrote PRD & other documentation, and troubleshoot git merge conflicts for a searchable music catalog app
- Created ERD for database design, wrote a Python script to import data into database, and coded backend functionality with Django

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 based on billions of data points related to 15 major seaports using industry tools such as Snowflake, Looker, and Confluence
- Presented a comprehensive report on seaport optimization to the Data Science team, including the Director of AI and the Chief Data & AI Officer of Omnitrac

PERSONAL PROJECTS

DEEP LEARNING RESEARCH PROJECT

Lead Student Researcher

Fresno, CA

Aug. 2019 – Present

- Investigated adaptive activation functions for deep learning neural network optimization in image classification, graph neural networks, and NLP
- Awarded 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, C++, SQL, Solidity, Go, Swift

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

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

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