GOBIND PUNIANI (HE/HIM/HIS)

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EDUCATION

DOMINICAN UNIVERSITY OF CALIFORNIA   San Rafael, CA
B.S. in Applied Computer Science, Data Science Concentration   **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 (MAGNA CUM LAUDE)   Fresno, CA
B.S. in Applied Mathematics, Mn. Physics   **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   San Rafael, CA
Senior Teaching Assistant | Data Science Concentration   *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

OMNITRACS   Dallas, TX
Data Science Intern | Data Science & AI Team   *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 my project to the Data Science team, including the Director of AI and the Chief Data & AI Officer of Omnitracs

CALIFORNIA STATE UNIVERSITY, FRESNO   Fresno, CA
Instructional Student Assistant | Department of Mathematics   *Aug. 2019 – June 2020*
- Hosted weekly office hours for 200+ students of all levels in math courses (Calculus I-III, Linear Algebra, Statistics, etc.)
- Graded all homework assignments for Numerical Analysis I course consisting of 30+ students

PERSONAL PROJECTS

DEEP LEARNING RESEARCH PROJECT   Fresno, CA
Lead Student Researcher   *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   Fresno, CA
Lifetime Member | Sigma Pi Sigma   *Feb. 2019 – Present*

PRESIDENT'S HONORS SCHOLARSHIP   Fresno, CA
President's List & Dean's List | Smittcamp Family Honors College   *Aug. 2016 – May 2020*

TECHNICAL SKILLS

Languages: Python, HTML/CSS/JavaScript, SQL, Solidity, Go, Swift, C++
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, MongoDB, Anaconda, Agile Management (Jira, Confluence, Trello, etc.)
Libraries: PyTorch, TensorFlow, Pandas, NumPy, Sklearn, Matplotlib, Seaborn, FastAPI, Flask, Beautiful Soup, SQLAlchemy