Imran Mirza

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Passionate Problem Solver | Data Scientist | Entrepreneur

EDUCATION

Emerald High School, Dublin, CA *August 2023 - June 2027 GPA: 4.00*

SKILLS

- **Programming:** Python, Pytorch, Scikit-learn, TensorFlow, Pandas, Numpy, Matplotlib, Seaborn, JavaScript
- **Projects:** Malaria detection model, Heart Disease diagnosis model, Bulldozer price predictor

TRAINING

Inspirit AI Advanced Cohort, Online, *January 2024 - March 2024*
- Designed and executed an Advanced Object Detection Project, leveraging image classification techniques to identify specific objects on the road with a focus on enhancing safety and efficiency in transportation systems
- Successfully finalized a diverse array of coding notebooks, showcasing proficiency in handling intricate tasks related to advanced topics in artificial intelligence, such as Computer Vision and Natural Language Processing

Harvard AI Bootcamp, Online, *December 2023*
- Independently developed a deep learning model using PyTorch to distinguish between parasitized and uninfected cells in the context of Malaria detection as part of a mini-hackathon hosted at the end of the program
- Immersed myself in contemporary lessons on AI/ML, delving deep into the intricacies of the field
- Gained a thorough comprehension of Linear Algebra and Statistics topics, showcasing my proficiency in navigating intricate concepts and adeptly applying advanced mathematical principles

UC Berkeley Data Science Bootcamp, Berkeley, CA, *October 2023 - November 2023*
- Rapidly acquired proficiency in data science concepts, as demonstrated through 3 collaborative projects
- Led team in the culminating coding notebook project, experimenting with more data science topics

LEADERSHIP EXPERIENCE, PROJECTS, ACTIVITIES

Entrepreneurship Bootcamp, San Jose, CA, 2023
Chief Revenue Officer at EcoFoods
- Conducted a thorough analysis of income statements from multiple companies, leveraging the gathered insights to strategically formulate a comprehensive expense and revenue plan for our company
- Presented the innovative product to a diverse audience of fifty individuals, including investors and angels, effectively communicating the app's value proposition, features, and potential impact on mitigating food waste
- Acquired foundational and advanced business concepts through mentorship from seasoned serial entrepreneurs

AI Club, Dublin, CA, *2023 - Present*
Co-founder & Vice President
- Educating students in fundamental data science principles, equipping them for competitions and expanding students options in profession choice by providing an introduction to potential career paths in the field

SkinGuard, *April 2024 - May 2024*
- Developed SkinGuard: Engineered an AI-driven application utilizing PyTorch-based computer vision neural networks for accurate skin cancer detection, deployed on HuggingFace
- User-Friendly Interface: Integrated features allowing users to take photos or upload images of their skin, with the app providing immediate diagnostic feedback on potential skin cancer presence