Abhiram Rishi Prattipati

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EDUCATION

San Francisco State University
San Francisco, CA

BS in Computer Science
Graduation Date: December 2022

- **Relevant Coursework:** Natural Language Technologies, Computer Networks, Security and Data Privacy, Database Systems, Software Engineering, Data Structures, Probability and Statistics, Operating System Principles

SKILLS and ONLINE COURSEWORK

Data Warehouse Fundamentals for Beginners – Udemy   **October 2023**

Oracle Cloud Data Management 2023 Foundations Associate – Oracle   **September 2023**

Introduction to Machine Learning by Duke University – Coursera   **January 2022**

Programming Languages:	Python, Java, C/C++, JavaScript, TypeScript, CSS3, HTM5, Kotlin, R, XML
Frameworks and Libraries:	React, Next.js, Django, Flask, Panda, TensorFlow, Tailwind
Databases:	SQLite, SQL, MySQL
Tools:	Linux, Ubuntu, Git, GitHub, Anaconda, Docker, Postman, Visual Studio

WORK EXPERIENCE

iD Tech Camps
Daly City, CA

Programming Instructor
October 2020 – August 2022

- Taught C++, Java, Python, web development, and machine learning to students of ages 8-17 online on Zoom
- Demonstrated coding techniques and best practices, helping students develop better coding practices and solve errors
- Participated in professional development opportunities and training sessions to improve teaching skills and stay up-to-date on best practices in programming education

San Francisco State University
San Francisco, CA

Instructional Student Assistant
January 2022 – May 2022

- Graded assignments, providing constructive feedback and ensuring that student met course requirements
- Assisted with preparing classroom materials, including writing C++ test cases

LEADERSHIP EXPERIENCE

SF Hacks
San Francisco, CA

Logistics Lead
August 2022 – December 2022

- Led the logistics team to create a blueprint for San Francisco's largest collegiate hackathon
- Coordinated with cross-functional teams, including marketing, and finances teams, to ensure all aspects of the hackathon were aligned and delivered on time

La Voz News
Cupertino, CA

Web Editor & Student Reporter.
September 2018 – April 2020

- Maintained the website and social media for the student newspaper, ensuring content was up-to-date, accurate, and visually appealing using WordPress and SNO Sites
- Monitored website analytics to track user behavior and engagement, identifying opportunities to optimize content

PROJECTS

Disaster Tweets Predictor
Pandas, Tensorflow, scikit-learn, Jupyter, NLTK

- Implements sentiment analysis to predict whether tweets are about real natural disasters and labels them
- Implements NLTK to tokenize tweets and Logistic Regression and TF-IDF algorithm with an accuracy of 81%

Food Expiration Tracker
Kotlin, Java, Android, Firebase

- Android mobile application where users can track expiration dates and shelf life of foods in their kitchen
- Users are notified on expired foods and their data is stored in cloud database from Google FireBase

Scout
Django, AWS, MySQL, Docker, Web Development

- Full-stack web application deployed on AWS where applicants can search and apply for STEM job listings
- Implemented Agile, SDLC, and Scrum principles to track progress of the end product

The Green Lamp
HTML5, CSS3, JavaScript, Express.JS

- Full stack e-commerce web application where users can purchase gardening products
- Implemented search bar and filters for smooth user experience