ABDIEL NGANDO

San Francisco, CA | (346) - 677-3724 | abdielrosalina@hotmail.com

LinkedIn - https://www.linkedin.com/in/abdiel-jonathan-b03b59195/

EDUCATION

UNIVERSITY OF SAN FRANCISCO, CA **Expected May 2026**

Bachelor of Science,

Major in Computer Science

Minor in Entrepreneurship & Innovation

Relevant Coursework: Machine Learning, Data Structures and Algorithms, Linear Algebra, Discrete Mathematics, Macroeconomics

SKILLS

- **Programming Languages:** Python, Java, C, HTML & CSS
- **Framework & Tools:** PyTorch, Sklearn, Git, GitHub, Tableau
- **Software Development:** Object-Oriented Programming, Data Structures, Algorithms, Version Control
- **Languages:** Fluent in Portuguese, Conversational Proficiency in Spanish

PROFESSIONAL EXPERIENCE

COLLEGE ELIZANGELA FILOMENA - COMPUTER TECHNICIAN **Jan 2019-Dec-2020**

As a Computer Technician, I troubleshoot hardware and software issues using the 7 principles of CompTIA, built custom computer systems by assembling hardware components and installing operating systems, replaced and repaired malfunctioning parts such as hard drives and RAM, and performed routine maintenance on printers, including ink replacement, to ensure optimal functionality.

PROJECTS

Wine Quality Prediction - MLP (Multi-Layer Perceptron) **May 2024**

- Implemented a Multi-Layer Perceptron model using PyTorch to predict wine quality based on various features.
- Analyzed the Wine Quality dataset, preprocessing data and applying training, validation, and testing splits for robust model evaluation.
- Achieved an accuracy rate of 10% through iterative model optimization and hyperparameter tuning.

Hoppers Game Solver - Java Implementation **April 2024**

- Developed FrogArrangement and FrogGraph classes in Java to model game states and valid moves using data structures like Queues and Stacks.
- Implemented a Breadth-First Search (BFS) algorithm to explore game states and identify winning configurations.

Data Challenge - Linear Regression Model **March 2024**

- Built a machine learning model to predict airline ticket prices using features such as journey date, source, destination, route, and departure time.
- Conducted data analysis and preprocessing to ensure data suitability for modeling.
- Achieved a prediction accuracy of 5% on the test dataset, demonstrating effective feature engineering and model tuning.