

NIKOLAS REYES

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Career Objective

Obtain a professional position as a machine learning engineer utilizing my relevant experience, technical expertise, and problem solving skills.

Education

California State University, Fullerton

Bachelor of Science, computer science

2024

Expected Fall

Irvine Valley College

Associate in Arts, Liberal Studies: Teacher Education

May 2022

Experience

Code Ninjas

Coding Instructor

Aliso Viejo, CA

May, 2023 – Present

- Work with children, ages 5-14, to determine skill sets and build a solid computer science knowledge foundation
- Provide fundamental and practical understanding of coding logic
- Use LEGO robotics to facilitate the basic understanding of robotic engineering
- Instruct using block based coding, JavaScript, and C#

California State University, Fullerton – Dr. Doina Bein

Student Research Assistant

Fullerton, CA

June 2022 – August 2022

- Cleaned and preprocessed Spotify's One Million Playlist Dataset using Jupyter Notebook
- Implemented SQLite3 to store all 2.3 million unique songs, along with their features
- Constructed song clusters based on 17 unique song features with the k-means algorithm
- Achieved high accuracy for hip-hop song recommendations
- Presented results of music recommendation system at academic symposium

Coursework

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|---|-------------------------------------|
| • Artificial Intelligence (Spring 2024) | • Machine Learning (Spring 2024) |
| • Intro to High Performance Computing (Fall 2023) | • Algorithm Engineering (Fall 2023) |
| • Software Engineering (Fall 2023) | • Data Structures (Spring 2022) |

Technical Skills

- Programming Languages: C++, Python, C, CUDA, MPI, SQL
- Web Development: HTML, CSS, Javascript
- Tools: Atlassian products (Jira, Confluence), Linux, pip, Visual Studio Code, Jupyter Notebook, scikit-learn, pandas
- Misc: Microsoft Office, Google Suite, Adobe Photoshop & Lightroom

