Bilal Khan

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OBJECTIVE

An internship position in software development, to apply my technical skills and gain practical experience.

EDUCATION

Folsom Lake College: August 2022-Present

CISP 300 Algorithm Dsgn/Prob Solv
CISP 360
CISP 400
CISP 440 Discrete Mathematics
MATH 400 Calculus I
MATH 401 Calculus II
MATH 402 Calculus III

Vista Del Lago High School: High School Diploma, August 2018 - May 2022

Software and Systems Development Career Technical Education Pathway: AP Computer Science Principles, and AP Computer Science A.

KNOWLEDGE AND SKILLS

Technical Skills:
- Python: Proficient
- Java: Proficient
- C++: Beginner
- HTML/CSS: Proficient
- Machine Learning(TensorFlow): Beginner

Soft Skills
- Excellent communicator and listener
- Self Managed
- Good at leading

PROJECT EXPERIENCE

Senior Project - Collaborated with a partner to develop a program using Java that enables users to

easily identify who is not following them back on social media platforms.

Parkinson Detection - Created a model for Parkinson's disease detection, leveraging hand-drawn images as input. Developed an innovative approach to identify Parkinson's symptoms through machine learning, highlighting skills in image analysis and healthcare applications

House Prices ML- Developed a TensorFlow model to predict house prices using machine learning. Implemented algorithms that analyze various factors to determine accurate housing prices

CISP 400 Project - Implemented a genetic algorithm for robot movement optimization in a class project. Simulated evolutionary processes, generating and passing down random genes to determine optimal paths. Demonstrated practical application of machine learning concepts in a collaborative academic setting

Trading Indicator - Custom made trading indicator built for tradingview written in Pinescript to help traders understand the current condition of the forex market. Takes different math calculations such as ADX, RSI, and ATR to output a calculated response.

WORK EXPERIENCE

BVT Software Intern May 2024-Present
- Created a slider component via React and Next JS
- Worked on creating a date component for booking events

Neuroleap Intern: October 2022 - August 2023
- Configured and installed SSL certificates for company websites, ensuring secure and encrypted connections for customers and improving search engine rankings
- Helped publish websites using docker containers and Nginx
- Helped automate transactional email system using Sendinblue

Inspirit AI Decemeber 2021-January-2022
- Learned and implemented various machine learning algorithms with practical real world application
- Made a CNN model for detecting facial expressions of individuals which could be paired with technology to help people with autism, help distinguish and read facial expressions better.
- Using NLP to build a model to read comments online and automatically review them for potential harmful messages
- Building an image classification model to diagnose skin cells fast and inexpensively to help diagnose skin cancer early on. This can be used in 3rd world countries to help combat financial problems