

Alex Chen

alex.chen@email.com - (555) 123-4567 - linkedin.com/in/alexchen -
github.com/alexchen

About:

Passionate and innovative recent Computer Science graduate with a strong foundation in software development principles and hands-on experience through personal projects. Eager to contribute creative solutions and learn in a professional environment.

Education:

Bachelor of Science in Computer Science

Tech State University

May 2023

GPA: 3.9/4.0

Relevant Coursework: Data Structures, Algorithms, Web Development,
Database Systems, Machine Learning, Software Engineering

Projects:

AI-Powered Chess Tutor

Developed a web-based chess application with an AI tutor using React and Python. Implemented a chess engine using minimax algorithm with alpha-beta pruning. Integrated natural language processing to provide personalized feedback on user's moves. Deployed the application on AWS using Docker containers.

Social Media Analytics Dashboard

Created a full-stack web application using the MERN stack to visualize social media data. Utilized the Twitter API to collect real-time data and implemented data processing with Python. Designed interactive data visualizations using D3.js. Implemented user authentication and data persistence using MongoDB.

IoT Smart Home System

Built a prototype smart home system using Raspberry Pi and various sensors. Developed a mobile app using React Native for remote control and monitoring. Implemented MQTT protocol for efficient device communication. Created a Node.js backend to handle device management and data storage.

Skills:

Python • Java • JavaScript • C++ • HTML • SQL • React • Node.js • Express
• CSS • MySQL • MongoDB • Git • Docker • AWS • Heroku • RESTful APIs •
Agile Methodologies • Test-Driven Development