Brian Loewe

📍 19 Carriage Dr., Foothill Ranch, CA 92610 📞 (949) 558-1877 ✉ brianloewe21@gmail.com
🌐 https://bloewe21.github.io/Portfolio-Website/

TECHNICAL SKILLS

Languages | Backend: Python, C++, C#, Java, SQL **| Frontend:** HTML, CSS, JavaScript, React
OS and Software | Windows, Linux, GitHub, Microsoft Office, Firebase, Unity, Unreal
Other | pandas, scikit-learn, Ableton, Aseprite

PROJECTS

Discord Clone
- Created a Discord-like website that allows users to create servers and chat online
- Implemented Firebase for database management and Redux for the UI and UX

Swiftshot
- Unity project created as a solo developer over 3 months
- Used C#, OOP concepts, and Unity's interface to program a 2D platformer with physics

Connect Four AI
- Developed a machine learning algorithm to predict the results of a Connect Four game based on game state and piece positions
- Used pandas and scikit-learn to generate KNN, SVM, and Naive Bayes models, achieving 77% accuracy

Portfolio Website
- Made using HTML, Tailwind CSS, and React JS to organize and display my work

WORK EXPERIENCE

Coding / STEM Instructor - Code Ninjas   **Jan 2024 - Present**
- Assist and instruct young students on game-making coding-courses using JavaScript and Unity

Cashier / Customer Service - Target   **Aug 2020 - Jun 2024**
- Help customers with transactions, returns, online orders, and other merchandise

EDUCATION

Bachelor of Science, Computer Science   **Aug 2019 - May 2023**
California State University, Fullerton (CSUF)
Graduated Magna Cum Laude (GPA 3.8)

COURSEWORK

Game Design	Data Structures	Computer System Architecture
Artificial Intelligence	Algorithm Engineering	File Structure and Database
Introduction to Machine Learning	Operating Systems Concepts	Software Design

ADDITIONAL INFORMATION

Awards/Activities

California Scholarship Federation Member	AP Scholar with Honors
CSUF Dean's Honor List (2019-2023)	CSUF - Graduated Magna Cum Laude (GPA 3.8)

Certifications

Java Programming and Software Engineering Fundamentals
AWS Fundamentals Specialization (In Progress)