Jake Gerber

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EXPERIENCE

Programming Workshop Creator   Sep. 2020 - Feb. 2021
Hack Club   Remote
- Javascript Workshop: Discord Custom Message Bot
- C# Workshops: Battleship, Craps Simulator, Dialogue Tree, Mad Libs
- Python Workshops: Dice Rolling, Dungeon Crawler Overworld, Hangman, Scalable Snowman, Space Bar Games

Software Engineering Intern   Jul. 2021 - Sep. 2021
Palace Luxury Properties   Remote
- Led an intern team to create the backend of the landlord portion for an upcoming rental property app. Created a Node.js backend to connect with a React.js frontend and a MongoDB database which stored user and property reservation info.

PROJECTS

Cube Snake   Sep. 2021 - Present
- Developing a video game that takes the classic game Snake and adapts it to the three-dimensional cube.

Higher/Lower YouTube Views Game   Oct. 2021
- Created a high-lower game with React.js that utilized YouTube's API to allow users to pick between two randomly selected videos to see which one had the higher view count. This was the UCI WebJam 2021 first place winner.

EDUCATION

The University of California, Irvine | Bachelor of Science in Computer Science   Sep. 2021 - Jun. 2025
- Activities: VGDC, ICSSC Fellowship Program, CodePath Cybersecurity Course

Agoura High School   Aug. 2017 - Jun. 2021
- Activities: National Honor Society, Math Honors Society Tutor, English Honors Society Tutor, Science Olympiad Competitor, African Library Project Leader/Main Organizer, Key Club Editor & Officer

AWARDS/HONORS

Best Game Hack - AngelHacks (https://www.theacorn.com/articles/theres-a-hack-for-that/**)**   Oct. 2019
- Best game hack at AngelHacks hackathon which had over 150 participants. Our game, Pong with a Twist, was a game of pong where a barcode scanner could scan barcodes on different products to affect the gameplay.

"Your Voice is Power" Round 1, 2 Semi-Finalist (https://www.amazonfutureengineer.com/YourVoiceIsPower**)** Apr., Aug. 2021
- Used code to create an original song that sampled Pharell Williams' song "Entrepreneur" in order to convey a meaningful message about how entrepreneurship can advance equity.

Agoura High School - Valedictorian, Department Award for Excellence in Computer Science   Jun. 2021
UCI WebJam 2021 First Place (https://www.ics.uci.edu/community/news/view_news?id=2058**)**   Oct. 2021

RELEVANT TEST SCORES

AP Computer Science Principles - 5   May. 2018
AP Computer Science A - 5   May. 2019

Leadership / Extracurricular

Co-Founder, Co-President   Aug. 2017 - Jun. 2021
Agoura Hack Club   Agoura High School
- Led club meetings that fostered a beginner-friendly programming environment. Directed students to coding resources and helped them debug and flesh out their coding projects. Organized Hacktoberfest and Local Hack Day.

Repair Technician   Jun. 2018 - Jan. 2020
Agoura Tech Squad   Agoura High School
- Diagnosed and repaired school laptops' hardware and software issues, and mentored new technicians.