Will Steinberg
(805) 451-0532 | wbensteinberg@gmail.com | linkedin.com/in/will-steinberg-/

EDUCATION

University of California, Los Angeles (UCLA)   Expected graduation: June 2026
B.S. Computer Science, Technical Breadth in Tech Management
- **GPA** 3.81
- **Relevant Coursework:** Software Construction, Data Structures and Algorithm Analysis, Object Oriented Programming, Computer Organization, Algorithms and Complexity, Discrete Structures

TECHNICAL SKILLS

Advanced proficiency in C++, Java, XCode, Linux, Visual Studio, html, x86/MIPS assembly

PROJECTS

Peach Party - Video Game based off Mario Party - 55 hrs
- Implemented complex game board and characters from scratch using inheritance throughout 14 classes via Object Oriented programming
- Commended for intricate implementation of pointers to dynamically allocated game board and arena as well as the proper deallocation and destruction of all dynamically allocated characters
- Developed and implemented a labyrinthine algorithm to teleport certain characters to another random square on the board after one pixel overlaps with another character
- Debugged and problem solved to efficiently run program without memory leak

PNetFlix - Streaming service movie recommender - 35 hrs
- Designed and implemented tree multimap <u>from scratch</u>, used to connect users to their previously watched movies, genres, directors and actors
- Utilized map to then recommend 5 new movies to a user based on a point system, awarding more points to movies with similar actors, directors and genres
- Dealt with quintuple entangled nested for loops, dangling pointers, and hundreds of vectors with pointers to data and memory leaks

Rabbits - Single player video game - 25hrs
- Developed C++ object-oriented game for user to move around arena using arrow keys and dodge rabbits; player can drop a carrot which slows rabbits down on impact; game ends if they hit a rabbit
- Implemented algorithm to recommend best move for player relative to rabbit positions

Personal Website
- Coded using html and CSS to illustrate personal portfolio and highlight other projects

ACTIVITIES

Non-profit Tennis Camp - ran past three summers with over 60 kids attending
Founder and Head Coach
- Expertly recruited, trained, and managed 5 coaches with personally developed lesson plan and implemented various exciting tennis games/teaching techniques

Specialized Hitting Partner
- Hired by former D1 UCLA player to elevate students' level and relied on for spending consecutive hours training

UCLA Men's Tennis
Team Manager
- Stringing 75+ rackets per quarter for UCLA Men's Tennis Team (25 min per racket)

Private Tennis Coach
- Teaching 5 adults and 25 kids monthly with customized lesson plan and hitting/serving drills

ADDITIONAL SKILLS

Nationally Ranked Top 400 USTA Tennis Player - 20hrs/week
- Rigorous training on court and 2-3 UTR verified tournaments per month
- 6 hours of intense fitness per week at Bfit (UCLA gym), Corepower Yoga and trail running

Vocal Musician/Producer - 3 years of show choir, solo performance with 750 audience members