

Kevin Geier-Conney

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EDUCATION

California State University, Fullerton

Fullerton, CA

Bachelor of Science in Computer Science

Aug. 2024 – Present

- Relevant Coursework: Algorithms; Data Structures; Python; Assembly; Calculus I; Calculus II; Cybersecurity Foundations and Principles

WORK EXPERIENCE

Friends of the La Habra Library

LaHabra, CA

Website Maintainer

Dec. 2024 – June 2025

- Maintained library public website, responsible for all updates and improvements.
- Ensure timely updates to keep content accurate and relevant.
- Position suspended as the library is under major renovations.

PROJECTS

Wordle Helper Extension | *JavaScript, HTML*

- Created a dynamic pop-up menu that suggests words to play
- Updates suggested words in real time when a new line is attempted
- Developed an algorithm to rank the most likely words
- Ensured project works with Manifest V2 and Manifest V3 with minor changes

Guess What Happened Quiz | *Python, HTML, CSS, JavaScript*

- Created a dynamic pop-up menu that suggests words to play
- Updates suggested words in real time when a new line is attempted
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Halloween Name Generator | *SvelteKit, HTML, CSS, Javascript*

- A web-based random Halloween name generator.
- Uses a hash function so each input has a set output.
- Uploaded my solutions to my GitHub for others to see.

Tetris | *Java*

- Developed a custom game engine entirely in Java, running at a stable 30 FPS.
- Implemented block collision detection using a hidden 2D array for efficiency.
- Designed predefined rotational patterns to ensure smooth and accurate piece movement.
- Compiled the game into an executable for easy distribution and gameplay.

LEADERSHIP / EXTRACURRICULAR

Association for Computing Machinery (ACM) | *Algorithm, Board Member*

Jan. 2025 - Present

- Create and present slides covering various data structures and algorithms.
- Answer questions asked by the audience while presenting.
- Guide people individually and in groups to find the right answer to sample coding questions.

H.O.P.E | *Volunteer*

Oct. 2023 - May. 2024

- Volunteered every Sunday for 4-6 hours during my senior year of high school.
- Coordinated and transported three volunteers to assist in restocking items.
- Helped the food bank restock items during the weekend, allowing them to give out food during the week without needing to prepare it.

TECHNICAL SKILLS

Languages: C++, C#, Java, JavaScript, Python, Bash

Frameworks: AWS, Oracle Cloud, Git, SvelteKit, GitHub

Developer Tools: Linux, VS Code, Eclipse, IntelliJ