Kevin Geier-Conney

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EDUCATION

California State University, Fullerton   Fullerton, CA
Bachelor of Science in Computer Science   *Aug. 2024 – Present*
- GPA: 3.60
- Relevant Coursework: Algorithms; Data Structures; Python; Assembly; Calculus I; Calculus II; Cybersecurity Foundations and Principle;

Pacifica High Shool   Garden Grove, CA
High School Diploma   *Aug. 2020 – May. 2024*
- GPA: 4.14
- Award from heavily Involved in National Honor Society

PROJECTS

La Habra Library | *Svelte, HTML, CSS*
- Maintained library public website, responsible for all updates and improvements.
- Ensure timely updates to keep content accurate and relevant.

Wordle Helper Extension | *JavaScript*
- 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

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.

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.

Portfolio Website | *SvelteKit, HTML, CSS, Javascript, Vercel*
- A personal portfolio website hosted at Kevingc.dev on Vercel
- Showcases my GitHub projects and skills..

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