

# Kevin Davidson

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## EDUCATION

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### Santa Monica College | Santa Monica, CA

June 2026

**AS-T in Mathematics, Pursuing transfer to a 4-year institution for Applied Mathematics / GPA: 3.8/4.0**

- **Courses:** Data Structures in C++, C++ Programming, C Programming, Java Programming, Calculus 1-3, Differential Equations, Linear Algebra
- **Honors:** Dean's List

## TECHNICAL SKILLS

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**Languages (ordered by proficiency):** C++, C, Java, Python, HTML

**Tools and Frameworks:** Git, Adobe Photoshop and Illustrator, Microsoft Excel, Microsoft Office Suite, Google Workspace, Figma

## RELEVANT EXPERIENCE

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### Santa Monica College | Santa Monica, CA

Sep. 2025 - Present

*Supplemental Instruction Leader*

- Selected to lead peer-to-peer instruction for a **100+** person Data Structures (C++) course.
- Host 2x weekly office hours to debug **C++** code and teach complex topics (e.g., pointers, recursion, OOP).
- Manage an online support forum and collaborate with the professor to ensure content alignment.

### Obscura Design | Los Angeles, CA

Oct. 2020 - Present

*Founder and Lead Graphic Designer*

- Designed the complete user interface (**UI**) wireframe and final mock-up for a B2B SaaS company's website.
- Created and delivered digital marketing assets, product packaging, and visual ads for freelance clients.
- Commissioned for **dozens** of unique poster designs, managing client communication from concept to final delivery.

## PROJECTS

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### Tic-Tac-Toe v2 | Personal Project

- Implemented an unbeatable AI opponent by designing and traversing a complete game tree using a vector of nodes in **C++**

### Towers of Hanoi | Personal Project

- Implemented a **recursive solution in C++** to solve the classic Towers of Hanoi puzzle
- Created a graphic interface and prompted users to customize the puzzle

### Tic-Tac-Toe | Personal Project

- Implemented a **heuristic approach in Python** to play Tic-Tac-Toe against the user using a graphical library

### Custom PC Builder | Personal Project

- Researched, sourced, and assembled multiple high-performance PCs from components, ensuring hardware compatibility and optimizing for performance
- Installed and configured operating systems and drivers, troubleshooting all hardware/software conflicts

## LEADERSHIP EXPERIENCE

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### Future in Tech at SMC | Santa Monica, CA

Aug. 2025 - Present

*Co-Vice President*

- Co-manage club operations, helping organize technical workshops and industry guest speaker events.

### Fresh Brothers | Beverly Hills, CA

Jun. 2023 - Nov. 2024

*Team Member*

- Assisted in training new employees and resolving customer issues, demonstrating leadership in a fast-paced team environment.