

# IAN ELLIS

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## Professional Summary

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Driven, and innovative, with a diverse skill set in computer science, software development, mathematics, and design. Combines practical experience from personal and professional projects with a relentless dedication to lifelong learning. Demonstrates analytical thinking and a proven ability to excel in fast-paced, team-oriented environments.

## Education

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**Associate of Science:** Computer Science/Mathematics      Expected in 06/2026

**Cabrillo College** - Aptos, CA

- 3.54 GPA
- Relevant coursework in engineering, computer Science, and mathematics, emphasizing project-based team-oriented learning and advanced problem solving.

## Skills

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- **Programming:** Javascript, C++, Python, SQL, PHP
- **Web Development:** HTML5, CSS3, React.js, Node.js, WordPress
- **Tools & Technologies:** Adobe Illustrator, Photoshop, MySQL, Docker
- **Strengths:** Mathematical Reasoning, Engineering Design Process, Hypothesis-Driven Development

## Work History

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**Web Development Intern** 08/2024 to Current

**Digital Nest** – Gilroy, CA

- Developed and maintained sites for University of California Santa Cruz, local businesses like Central Coast Comedy, and in-house software tools.
- Lead the development of a software project that helps Digital Nest improve their internship program through mathematical methods of optimization.

**Computer Science Teaching Assistant** 01/2024 to Current

**Cabrillo College** – Aptos, CA

- Provided hands-on guidance on programming concepts and fundamentals.
- Spearheaded additional lab projects, including developing a digital calendar/newsfeed display with MagicMirror2, Node.js, Raspberry Pi, and a smart LED clock using Arduino and Adafruit devices, performing soldering work and writing software for calibration, room temperature display, and internet connectivity for daylight savings adjustments.