



ANDOVER HIGH SCHOOL

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Dear Scholarship Committee,

I am writing to recommend Emma Deeken for your scholarship. I've had the pleasure of teaching Emma computer science for three years. In the last two years, she has been my student in AP Computer Sciences A (Java) and AP Computer Science Principles course, which at Andover High School is based on Harvard's demanding CS50 curriculum. During this course, Emma learned the C programming language, classic sorting algorithms, the process of memory management and working with pointers, and how to use the C language to create dynamic data structures. In AP Computer Sciences A, Emma learned about object-oriented programming and class relationships, including inheritance and polymorphism, as part of the pre-2025 AP CSA syllabus, and GUI-based programming using Java's Swing package.

Emma is intellectually and academically one of the top (<1%) students I have taught. She performs consistently in class, grasps difficult concepts quickly, and writes well-designed code with excellent logic. Emma also exhibits strong focus, organization, and engagement during class. She works well with her peers, is friendly and engaging, and is looked up to by her classmates as a person of integrity and intelligence.

In addition to knowing Emma as an academic student, I also have known her as the advisor of the CS clubs she participates in each year. Emma performs strongly in the American Computer Science League competitions as a member of CS club. She also regularly attends our Computer Fusion club meetings where she would help repair computers to donate to other countries. Emma has also been an active member of Girls Who Code and is a warm and social person.

I highly recommend Emma for your scholarship. I believe she will be an excellent investment and will further the goals of your organization. Emma thrives in an academically challenging atmosphere while being an active member of her community, and I can't think of anyone more deserving of your support.

Best regards,
Marianne Bezaire, PhD
Technology Teacher, Andover High School