

Yonas Mekonnen

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Objective:

To secure a software development internship where I can utilize my technical skills and passion for coding to contribute to the company's success.

Education:

- Massachusetts Institute of Technology (MIT)** May 2024
Computer Science and Engineering (BSE)
Cambridge MA 02139

Skills:

- Strong understanding of object-oriented programming concepts
- Proficient in Python
- Familiar with C, C++, HTML, CSS, and JavaScript
- Knowledge of data structures and algorithms
- Excellent problem-solving skills
- Strong communication and teamwork skills

Projects:

- **AutoCorrect:** I wrote a program that can suggest a letter or a word using python and Trie-Data structure. Also built an autofill version of a similar program.
- **Audio processor:** Developed a program that can manipulate both Mono and stereo sounds
- **SAT solver:** build a program that can solve SAT using the Boolean satisfiability method. This program also solves sudoku following the same method.
- **Personal website:** Built a website using HTML, CSS, and JavaScript that displays information about a fictional company.
- **Sokoban:** Developed a multistage Sokoban game where the player moves blocks toward target locations along with the game solver. Using search algorithms BFS and DFS.

Hobbies:

- Reading Books
- Participating in coding competitions and solving problems on hacker rank and Leet-code
- Learning new programming languages and technologies
- Playing Soccer