I am writing to wholeheartedly recommend Zahin Raidah Maisha for her pursuit of your master's program. Having the opportunity to instruct her in different courses and labs, as well as co-supervise her in undergraduate thesis, I have complete trust in her impressive academic capabilities and the potential she holds for research. I recommend students for a program only when I believe they are well-suited for it. After carefully observing the program's objectives and overview, I strongly believe that Zahin is an outstanding match for this program.

I first noticed Zahin through a term project of the Embedded Software Development Lab called "Smart Health Tracker," where she presented the idea of that project in a very precise but innovative way. Later, I met her again in my Software Verification and Validation course and its lab. She was one of those students who quietly but consistently took notes in every class and later studied. She exhibited a keen interest in that topic while demonstrating a deep understanding of the subject matter. She distinguished herself not only academically but also by posing thought-provoking questions. For instance, in the lab, I presented a scenario and instructed the students to translate it into a mathematical expression and validate those expressions. Zahin approached the problem creatively, providing solutions in various ways. Her solutions were not only effective in solving the problem but also demonstrated efficiency. This ability to make quick decisions and think uniquely is a crucial factor in advancing your research program. In the lab, she showcased originality by combining theoretical knowledge with practical application. She designed a system that went beyond meeting the requirements of a lab project.

In my role as the supervisor of Zahin's undergraduate thesis, what stood out the most was her keen ability to both identify the strengths and pinpoint the weaknesses in her work. She explored user behavior on Stack Overflow community, especially towards new users. As a result, the outcomes of her work were published in the highly prestigious Evaluation of Novel Approaches to Software Engineering (ENASE) 2022 conference and Springer Science Journal in 2023. These accomplishments not only met rigorous academic standards but also demonstrated her capacity to make meaningful contributions to the field of Computer Science.

Beyond Zahin's academic and research achievements, she proved to be a valuable team player with open communication, making substantial contributions to team goals. She was Vice President of university's debating society. Currently, she works as a product lead of an international software company.

In conclusion, I strongly recommend Zahin for admission to your master's program. She brings a combination of intelligence, creativity, and passion for research that will significantly contribute to your academic society. Please feel free to contact me if you require any further information.

Sincerely,

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