

2022 WINTER TA EVALUATION

TA Name:	Hao Che Tan	# of Respondents:	12
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Course:	MIE443H1: * Mechatronics Systems: Design and Integration
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Created an atmosphere in the tutorial/lab that was conducive to my learning.	Was well prepared for tutorials/labs.	Was enthusiastic about the tutorial/lab material.	Explained tutorial/lab topics and concepts clearly.	Encouraged questions during tutorials/labs.	General instruction helped me complete the lab exercises/problem sets/course projects effectively.	Feedback on course assignments, projects, papers and/or tests improved my understanding of the course material.
A Great Deal	A Great Deal	A Great Deal	A Great Deal	A Great Deal	A Great Deal	A Great Deal
A Great Deal	A Great Deal	A Great Deal	A Great Deal	A Great Deal	A Great Deal	N/A
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**List of all possible answer to each questions: 1. Not At All, 2. Somewhat, 3. Moderately, 4. Mostly and 5. A Great Deal*

Comment on the quality of support the teaching assistant provided in the tutorial/lab sessions
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Aaron provided phenomenal support in the lab sessions. Not only did he answer our questions about the projects but also spent a great amount of time helping us troubleshoot. We had an instance in which we ran into multiple issues with the base software and Aaron was able to help us fix it and provided great support.

He is truly passionate in ROS and introduced me to this course patiently.

Overall, Aaron Tan is extremely helpful and really passionate in what he is teaching. His enthusiasm to robotics helped our team greatly achieving our goals. The contents are well prepared and organized too

Perfect. He is passionate in ROS and introduces me to the course patiently.

The TA provided amazing support to the students during lab sessions.

They were very helpful when answering my questions about the project, and helped guide my team's solutions to problems.

Nominated for the MIE 2021-2022 MIE TA Awards

Testimonial:

Aaron has been very helpful throughout the entire course, whenever student had problems, he never hesitated to help. He wouldn't stop helping or quit mid-way unless the problem is resolved. He also connects with the students and thinks in our shoes. I think he is one of the most helpful TA I have ever had and I believe he deserves this reward.

Aaron Tan was a great TA that knew the subject very well and was always so nice and motivated to help us !

They were always prepared to answer any questions about how to complete the projects. They were also very accommodating when my team had concerns about the grading of our work, and helped to improve our mark based on our feedback.

Nominated for the MIE 2021-2022 MIE TA Awards

Aaron was highly knowledgeable in C++, and ROS, and was, more importantly, able to clearly and effectively explain concepts and assist both me and others. To me, he was able to clearly and methodically explain how to use an entire ROS library within five minutes, when it took me an hour to simply be confused and was able to help my teammates with high level technical questions within minutes. More importantly than this, Aaron was always willing to help, making me more enthusiastic for this course, especially considering labs lasted up to 5 hours, even staying later on a few occasions to help my team with issues and questions. Additionally, Aaron was always willing to meet outside of class and lab hours, and was especially responsive via email for urgent questions. As a fourth-year student I have experienced nearly 40 unique courses over my time at UofT, being taught by likely over 100+ TAs, and from all this I can honestly say that Aaron has been one of the most helpful. If anyone is deserving of this award, I can honestly say that Aaron should be a frontrunner.

Every time when my team has troubles for the project, Hao Che Tan always helped us patiently. Even answers to some of the questions are obvious, he would always lead us to find out the answer ourselves instead of telling us the answer. I'm very thankful to him for his help through this semester.

Hello, I am one of the students in MIE443 this semester. I am writing to nominate Aaron Tan in our tutorial as the best TA Award. He is extremely passionate about robotics, and helped us greatly throughout the course. Whenever there are questions or concerns raised by us, he will be the first to reach out to us and answer any questions. In person, he is also tremendous friendly and really blend in with all his students in each tutorial. Personally, I have never had a TA like him throughout my undergrad. As the head TA, he really helped the class form a community that making it a joy to come to the tutorials every time. He not only provides a lot of insights on ROS, mobile robotics, also gave great advice on applying for masters and other career opportunities. Here I formally write and hope he can be awarded as the best MIE TA for his outstanding work and passion in teaching. Sincerely Qilong Cheng 1003834103

Hi, I am a third year ECE student. I have just taken the course MIE443, and I would like to nominate Aaron Hao Tan for the TA awards. Aaron has attend every practical session. He is very knowledgeable in the field of ROS and algorithms design. Sometimes when the professor is busy, and we couldn't find an opportunity to ask the professor questions after class, he is the guy that we would go to to ask questions. Many of us were not familiar with the ROS system, and he had explained the concepts to us really well. In particular, when I was dissatisfied with the efficiency of an algorithm that we were asked to implement called Random Walk, he walked me through the theory and application of how to implement another algorithm called Frontier Exploration. This is something that is beyond the scope of the course, yet he took the time to explain the whole thing to me, from how to transform the coordinate frames between map and odometry, to the best selection method for frontiers. 2 weeks and 5 hours of sleep later, I managed to make the Frontier algorithm work. Without his guidance, I would have never been able to create that algorithm. He is really enthusiastic, and knows about robotics, one can tell because someone who is not knowledgeable or interested in robotics would have never answered the questions I asked the way he did. He wouldn't just give a generic answer to wave the student off, like most other TA's, but he would really take the time to consider the question, and give as much help as possible. Sometimes, he wouldn't know the answer either, but we would sit down, and google the answer together for like an hour until we found it. This really helped me with my researching skills, and this interaction between TA and student is something that one doesn't really see anywhere else. He went above and beyond to try to help students with their problems, and also would talk about some of his own research, which greatly increased my interests in the field of robotics, hearing how cool it could be. Therefore, I nominate Aaron Tan to be the recipient of the TA awards, because I really think we need more TA's like him.

I would like to nominate Aaron Hao Tan for the MIE443 Teach Assistant Award. Over the course of the winter semester, Aaron demonstrated that he was willing to go above and beyond what was expected of him as a TA. He would consistently check-in on all groups throughout the lab sessions to ensure everyone was able to understand the project requirements and would provide help when needed. As I supervised the lab sessions, it was evident that he was able to build healthy relationships with all the groups as he would be able to remember the details of specific hurdles each group had trouble over coming. Aaron often was willing to stay longer than his mandatory hours to help the students if he required help. He made such an impression with the students that several groups asked to take pictures with him once the course was completed. I cannot think of a more deserving candidate for this award and wish Aaron all the luck in his future endeavors.

I would like to nominate Aaron Tan for the MIE Teaching Assistant Award. He was one of the most helpful TAs I have had through out my undergrad. He responded to emails expeditiously and made sure the student concerns were taken care of. He cared very much about the students and made sure they were on track to succeed.

I'm nominating Aaron Tan for MIE TA Awards. Aaron was the TA for my MIE443 course and he was very approachable and encouraging. He helped our team immensely and was very knowledgeable on all aspects of the course. He went above and beyond by staying longer to help students and provided motivation to our team, especially when we became frustrated. He's a great TA and I hope that his dedication and efforts are rewarded.