

# To Whom It May Concern,

I am writing this letter to recommend Mr. Ziyang Long for your postgraduate program. I was his course instructor for the second semester of 2020-2021 at the University of Electronic Science and Technology of China (UESTC). In my Electromagnetic Field and Microwave Technology course, he was one of the more outstanding students due to his passion for learning and critical thinking.

Ziyang has shown great enthusiasm with his studies during our interactions. He has also proven to have great time management skills. He would often finish his homework immediately after class with a near perfect score, which made him an exceptional student in my course. He showed his excellent time efficiency throughout the semester by arriving to class on time and never missing a deadline, which highlights his desire to learn.

However, what is most important is that Ziyang can understand professional issues and provide a valuable opinion supported with relevant evidence. For instance, one of his assignments was concerning the total induced charge on a conducting sphere by a point charge outside. This is designed to test the student's understanding of image charge. Since this is the most difficult problem in the course, it is not a required assignment; however, to my delight, Ziyang was one of the few students that solved the problem correctly. He expressed a deep understanding of the topic with excellent mathematical proficiency. His critical thinking abilities and creativity are skills that aided him in his success with the curriculum. At the end of the semester, he achieved an excellent overall score of 87 out of 100.

I hope this letter fully expresses that I am confidently recommending Ziyang for your program. I truly believe that he will achievement greatness in the future. I appreciate your consideration of his application, and please do not hesitate to contact me if additional information is needed.

Best regards

Jing Tian

Lecturer

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## Letter of Recommendation

To whom it may concern,

I am delighted to provide you with this letter of reference to support Mr. Ziyang Long who wishes to enter your esteemed university. He has been my student in the elective course, Introduction to Deep Learning, since February 2021 at the University of Electronic Science and Technology of China where he demonstrated impressive academic performance.

Ziyang is very proactive, and he always participates in class by voluntarily offering his insights and creativity about code programming. I think his great interest in code programming makes him grasp the lessons faster and analyze challenging problems with creativity. Mr. Long showed strong practical abilities when he applied his professional knowledge to complete the final course project of A CNN for MNIST Handwritten Digit Classification. Ziyang has built a neural network in the main structure of two convolution layers and two pooling layers, which I only asked them to use one convolution layer. Moreover, his project developed to a higher level with his determination to challenge. When he met programming problems during the process of BP crossing in convolution, he came to me to discuss the solutions several times. Consequently, he submitted an outstanding project and obtained 87/100, which was impressive.

I therefore express my strong support for Ziyang's candidacy without any reservation. He is an excellent student with strong programming ability and he is enthusiastic for further development in the Electronic Engineering field. I assure that you will have an outstanding graduate in the near future. Please do not hesitate to contact me should there be any further questions pertaining to his application.

Sincerely yours,

Bo YANG

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## Dear Admission Officers,

It is with great pleasure to have this opportunity to recommend one of my best students, Ziyang Long, to attend your famed university. Having an overall understanding of his abilities during his attendance at our university, I am certain that he is equipped with personal and intellectual qualities to succeed in his prospective academic pursuit.

Ziyang is a conscientious and trustworthy student. During his attendance to my class "Live System Modeling" in the spring term of 2019, he impressed me with his intelligence and passion for learning. The course was open to students majoring in Biology. However, Ziyang, as a student from Electronics and Electrical Engineering major, insisted on taking this course and received the second highest score of 89/100 in my class, which deeply surprised me. Also, with his strong logical and innovative thinking and mathematical modeling skills, he produced a report on the Dynamics Study of  $\lambda$  Phage's Transformation of Lysogeny and Lysis. He established a mathematical model of  $\lambda$  phage's transformation process of lysogeny and lysis, and transformed the nonlinear dynamic system into linear form. Then he expressed and analyzed it through matrix. His writings are easily understood with strong logic and rich evidence. I also admire Ziyang's ability to present his report in public with outstanding PowerPoint slides. He used graphical methods other than majority students who were only focused on mathematical inference, which made it easier for the audience to understand his opinions. Moreover, he utilized every learning opportunity to improve himself with motivation. I am so happy to have such an active student in my class.

Nowadays, I believe he is well prepared to accomplish his objective at a higher level of learning. His strong learning abilities in Electronics and Biology will contribute to his further studies. Thus, I highly recommend Ziyang Long, and I hope that your office will give positive consideration to his application.

## Sincerely,

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