

Dear Faculty Search committee:

It is my genuine pleasure to recommend Si Chen for applying for a tenure position in your department. When I was working in Department of Electrical Engineering at UB, Si worked in my Wireless Networks and Embedded Systems Laboratory under my supervision. Throughout the two years of his master student's life, he impressed me with his ability to be intelligent about building real-world system, his passion for advanced technologies in computer science field, and his persistence in solving research problems. Si has a keen interest and talent in interdisciplinary research. I strongly believe that his excellent skills, passion, and personality make him an ideal fit for the tenure position in your department.

During his study towards his Master's thesis, Si joined my research projects on developing on-line B/S System for Cognitive and Cooperative Networking and GNU Radio co-operative setup based on GNU radio testbed USRP2. During this period of time, he has shown the ability to have clear and quick grasp of the concepts involved, a strong capacity of analytical thinking, and the outstanding ability to cooperate with other students.

Si is a sharp and perceptive individual with high aptitude for both hardware and software. He is absolutely a quick hand in system prototyping. In the groundwave online simulation project, he spent only four weeks to add the real-time web-based simulation front-end to the original simulation system, which was a very difficult task and made him as one of the most exceptional students I have known. Moreover, in this project, Si first suggested to combine theory and experiments together, which also showed his unique capability to think creatively. Of course, he could make so many things clear in a short time, which needs not only talent, but also hard working.

Always eager to learn, Si showed the curiosity like that of researchers. He kept reading new published articles in our research areas everyday and often came directly to me and raised penetrating questions. He also actively participated in group meetings of my graduate students. Sometimes, his ideas were very valuable to our discussions and research. I see his openness to feedback as a fact that he's always learning and growing as a learner, which is of an impressive strength that will continue to serve him well.

Si's personal strengths are as impressive as his intellectual accomplishments. He is a trustworthy, positive, reliable student and friend. From my experience, he is the perfect leader to get a group project rolling. He was very thoughtful that he completely handed over all his work, procedures, and future ideas about the projects he involved to another student in our lab before devoting himself to PhD, and also provided as much help as he could afterwards. As a principle investigator of a lab, I was amazed to witness a student making this kind of academic and personal progress.

Si Chen successfully defended his Master thesis in 2012. Because he demonstrated excellence as a master student as well as his personal interests, I recommended Si to Dr. Ren to further pursue his PhD degree in computer science department. Although he graduated from me, Si is still actively participating in many academic events. When I was the co-chair of IEEE CCW 2013, Si was invited as the web-chair and made meaningful contributions to this conference.

Si is talented, intuitive and focused. After working with this young scholar for two years, I esteem Si as one of the best master students who have worked in my group. Judging from my experience with Si, I personally think that he has great potentials to achieve tremendous success in his future research. I believe that Si is going to continue to do great and creative things in his future. He is truly a standout individual who will impress everyone he meets. He has my highest recommendation.

Sincerely yours,

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