

Xiaohui Liu
1600 S Eads St., Apt. 316N
Arlington, VA 22202
(313) 318-8421

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To Whom It May Concern,

I would like to apply for a software engineer position at Bloomberg as referred by Bloomberg employee Kevin Sun.

I recently defended my Ph. D. dissertation on predictable and reliable wireless networking. During my six years of graduate study, I have designed and implemented highly scalable, fully distributed, multi-threaded, and object-oriented robust software for wireless networked embedded systems. More specifically, I have implemented over ten protocols/applications, in excess of **80,000** lines, from the ground up all by myself and thoroughly deployed and evaluated all in two real-world testbeds of 127+ nodes. All this hands-on experience has familiarized me with object-oriented programming and design, client/server architecture, and peer-to-peer architecture. Besides, I have published the results in the form of papers in top-notch networking conferences and journals. I also presented papers to international experts at several conferences.

Bloomberg is a global business and financial information and news leader. Through innovative and cutting-edge technology, it delivers data, news and analytics to decision makers in a quick and accurate manner, connecting them to a dynamic network of information, people and ideas. My background of developing robust, large-scale, distributed, and real-time applications is well aligned with the role of software engineer.

Enclosed is my curriculum vitae. Please let me know if there is any other information such as references that will assist you in processing my application. Thank you for your consideration. I look forward to hearing from you.

Sincerely yours,

Xiaohui Liu