September 10, 2016

Stony Brook University
Stony Brook, NY 11794

To Whom It May Concern:

I am writing you to express my interest in the Software Development Intern position for the following summer. I am pursuing a BS degree in Computer Science and Applied Mathematics and Statistics in Stony Brook University and will graduate in May 2017. After graduation, I will continue my study in Stony Brook pursuing a MS degree in Computer Science.

As written in my resume, I have recently interned in LBi Software during the summer. I was assigned to maintain and support one of the company's longest operating web applications, which is a player-management application for MLB. In order to understand its operation, I studied the Struts 1 framework and how it applied the MVC pattern, then ran debugging to see how each component of the code interacted. After becoming more familiar with the code, I was assigned to work on a new build for the application individually. My task included adding new features and fixing bugs. When I finished testing, I would document and track all issues and updates, and write the deployment plan for new deployment. For client support, I have used SQL to manage the database, and also have modified the code to retrieve data in spreadsheet using POI API. Through this internship, I have gained experience in developing software using different technologies and communicating with clients to deliver preferable solutions.

I have worked on several academic and personal projects, and am currently working on a research project under the supervision of a CS Professor. The research topic is security policy mining, and my task is to assist in developing and implementing the algorithm using Java. While working on different projects in the past, I usually looked for open sources frameworks and APIs which I considered useful, and studied and utilized them in the most helpful way possible. I like to explore new technologies and their potential use on my projects, and I'm always eager to start new projects to employ these new technologies.

I am looking forward to discussing my qualifications with you. Please feel free to contact me through (631)632-6000 or at jiajie.li@stonybrook.edu. Thank you for your time and consideration.

Sincerely,
Jiajie Li