Kasper(Haoran) Yang

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Sept. 14, 2017

Hiring Manager

Google

76 9th Ave, New York, NY, 10011

Dear Hiring Managers,

I am interested in applying for the summer 2018 internship. I believe my experience and diligence make me an ideal candidate.

I have a strong background of programming. I have developed a educational game, BuzzWord, written in Java. It is a game where players are given a network of connected letters, and they aim to identify as many words as possible, within a limited amount of time. Before implementing this program, I set up the software design description of the software, which forces me to use software design and analysis skills, which exactly match the qualifications for the internship. In this application, with the help of multithreading on timer JavaFX on decision of UI implementation and framework, I developed the ability in software programming. Also, this software is robust, extensible, and scalable. I will employ my abilities to extend and improve your product if you hire me. Moreover, I have programmed a standard format-ish shell, which is similar to bash, written in C. In the Unix/POSIX condition, I have better abilities in programming in different platform. With the help of writing unit testing, integration testing, and stress testing, this program is robust under various conditions. This is related to my writing test program skills, which you prefer. Besides, I also implemented a parser call Seawolf parser. Since it needs large amount of knowledge of algorithms, and I am in favor of it, it is not hard for me to develop it. I am also in favor of doing algorithm problems in UVa Online Judge, and I am going to take part in the ACM algorithm competition this year. This is why I am thinking   I am suitable for the job because I am skilled in evaluating results to choose the best solution. Recently, I am working on the backend of a project called "Code Blue App" on iOS with my colleagues. We are using Firebase for the database part which is a product of your company. I believe I am one of the applicants who knows Google products the best due to my experiences.

Concerning the experiences, I am recently working for the Web Developer of Department of Computer Science in Stony Brook University. In that position, I am the leader of developing new websites, such as NLP, NETSYS and LUNR from scratch. During the period of programming those projects, I improve my skills in Javascript programming, and this is one of the skills you required.

Enclosed is a resume, which provides a more detailed information of my background and qualifications. I would like to have a chance to talk with you further for this position you are seeking. I can be reached by phone after 4:00 p.m. at (631) 974-8097.

Sincerely,

Kasper(Haoran) Yang

Encl.: resume