Google
355 Main St
Cambridge, MA, USA

Dear Intern Recruiting Representative at Google,

I was excited to see an available position for an Engineering Intern this summer. I am confident that my extensive experience as a programmer makes me an outstanding candidate for this position and hope that you consider my application.

As a sophomore currently pursuing a Bachelor's of Science in Computer Science, I've developed the necessary techniques and work ethics expected from an efficient programmer. I have a thorough understanding of object-oriented programming, and can effectively use techniques such as polymorphism in large and convoluted programs. For instance, *BuzzWord* and *Hangman*, applications that I've worked on late last year, both contain model view controller based components that intricately work together with references to the same object to produce one concurrent program.

Through my studies, I've also acquired a great understanding of the numerous data structures available to take advantage of. For instance, in *BuzzWord*, I've used hash maps for the efficient access of word objects in-game. In *Zork*, a program that I've worked on earlier last year, I used recursion to place loaded objects into a tree data structure. Although I've already learned so much, with two more years ahead of me, I've so much more I wish to learn, to experience, and to accomplish.

Concerning related experience, I've been employed by Stony Brook University in the Fall of 2016 as a teacher's assistant (TA) in the course of *Procedural & Object-Oriented Programming*. In that position, I worked with another assistant to host lab sessions, where students are given a period of time to complete various programming problems. As a TA, my role was to guide students in realizing solutions to these problems. I, along with a group of TAs also organized to host study sessions for students struggling with course material prior to upcoming exams. This position gave me the opportunity to not only assist those interested in the field of CS, but it also strengthened my understanding of the fundamentals of object-oriented programming in Java.

I look forward to an interview and to further discuss the details of the roles and responsibilities of an Engineering Intern at Google. I can be contacted by phone at (443) 889-9397, or by email at ktran9691@gmail.com.

Sincerely,

Kevin Tran