Kevin Nguyen
(925) 876-5350 • kln4@stmarys-ca.edu

07 February, 2016

Hiring Manager
Pinterest

Dear Hiring Manager,

 I am writing to you with great interest in the **Software Engineer Intern** position at **Pinterest** for Summer 2016. I am currently a 3+2 engineering student at Saint Mary's College of California. Even though I have declared as a computer science major, I have been exposed to both engineering specific courses as well as pure science and mathematics courses like quantum mechanics, analytical mechanics, electronics and instrumentation, and computational physics. In terms of engineering specific courses, I would like to make note of a few courses I took and perhaps present a few points that may better qualify me for this internship.

 Regarding C++, my experience there is not limited either. Through my coursework, I and a friend were tasked with modeling a queueing theory problem with priorities and ongoing requests. However, being a fanatic for coding, I decided to push the limits of the problem, extending it to a multiplayer online gaming matchmaking queue, full with player ranks, teams, rank promotion and demotion, as well as bots to take the place of "real" players in the event that the teams aren't filled. Needless to say, it was a valuable experience into how complex programs can get and how organization and teamwork makes work much easier and more enjoyable.

 On another note, I am a determined individual and am not afraid to take up a challenge when presented with one. One example is with a website I and a friend have been asked to build for the CCAR scholarship foundation. The specifications were for a dynamic website with an online application form tied to a database. Of course, being an algorithmic and object-oriented programmer, web development was pretty foreign to me. This did not stop me, however, but rather pushed me to learn HTML, CSS, Javascript, PHP and MySQL.

 In closing, it is my goal to be a software engineer and hopefully I can gain some experience in the field dealing with ideas and projects that affect society in a measurable way. It has been great to practice in the classroom and at home with side projects, but I crave the opportunity to grow my knowledge in the field. Also, I happen to be familiar with pinterest and rely on it heavily for cooking recipes, fashion tips, and even coding articles. I appreciate your consideration today and look forward to hearing from you.

Many thanks,
Kevin Nguyen