

Lee Mracek  
10129 Lockwood Dr  
Cupertino, CA 95014

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To whom it may concern,

I am writing to inquire if there are any internships in Software Engineering at your company over the summer.

Last summer, I gained valuable work experience, and managed software engineering at Diamond Systems in Mountain View. I was responsible for maintaining and approving all software released with their single-board computers. I have years of both real-world and independent experience in software engineering as well as control theory.

I will be attending Georgia Tech University in the fall, majoring in Mechanical Engineering and Computer Science. Through my participation in my school's robotics team, I have been introduced to software engineering in a facsimile of real world engineering and would like to further explore my passion at your company during the summer. Not to mention I am directly responsible for the team's migration to Java, as well as our embracing Git for version control. Furthermore through robotics I have worked with a variety of mathematical methods in control theory, as well as filtering and signal processing code.

In high school, and through my classes at De Anza Community College, I have had great exposure to chemistry, physics, mathematics and computer science. Also, I have been working since the 6<sup>th</sup> grade on various projects using a variety of languages and platforms including graphics rendering and mobile development. Online, I have contributed to a multitude of open source projects such as a open-source implementation of the Minecraft Server in Java.

I believe that with my breadth of individual programming experience and passion for research and exploration I will be an asset at your company this summer. This program would provide me with an ideal experience to expand and cultivate my work ethic and programming experience as well as my knowledge of real-world software engineering.

Hopefully you will agree that my qualifications are a match for the position, and I hope that you contact me so that we can arrange an interview at your convenience. I look forward to speaking with you.

Thank you for your consideration,

Lee Mracek