Dear Professor Abbeel,

My name is Mitch Lin and I am a rising EECS sophomore. I learned about your group from a cloth-folding robot video my EE16A TA Eddie Groshev showed us. I am really interested in your research regarding reinforcement learning as I am very curious as to how that would be coded. For example, in your 2015 BARS talk, you mentioned the simulation where you were teaching a robot how to walk through reinforcement learning. I would like to understand how that robot knew of what actions it could take to begin with and how it was aware of its situation. Furthermore, from the graph theory I learned in CS61B, I wonder how you managed to let the robots find the optimal solution, as how does it know when that solution has been reached? I would really appreciate a chance to talk to you about your research and possible undergraduate research opportunities.

Through my experiences in CS61A/B and Math 53/54, I believe I have the solid background in both mathematics and computer science that you seek. In addition, I have attached my schedule and will be able to work 12 hours a week, as I will be free after 2PM on Mondays/Wednesdays and from 1-3 PM on Tuesdays/Thursdays. I have attached my resume and unofficial transcript below as well. Please let me know if there is any more information I can provide.

Sincerely,

Mitch Lin