Dear Sergio, Ryan, Albert and AMBER Labs,

Thank you so much for giving us a tour of AMBER Labs. I really liked the arm and hand because of how smooth it moved and it was cool how it ajusted to the amount of gravity on it, I was super impressed by it. I also really liked the drone and it was interesting how it made 3d veiws of the world around it to move. In the long term, what do you think would be the most essential use for the drone? I also think its awesome you make Prosthetic legs for people without a leg and it seems hard to make a leg that reacts accordingly to what the person wants. I loved seeing the whole lab and seeing what went into making robots. once again, thank you so much for showing us what you all have been working on.

Sincerely,
Sivan Camacho

Dear AMBER Lab,

Thank you so much for letting us join you today in the lab! It was really cool seeing all of the robots that you guys are working on and their functions. I had a fun time being able to be in the lab and see all of the things in the lab. I really liked the hand robot and I thought it was really cool to see how it moves. Once again, thank you so much for letting us join you in the lab and giving us so much information on the robots you all are working on!

Sincerely,
Janet Pimentel

Dear Sergio, Ryan, Albert, and Professor Ames

Thank you for giving us the Opportunity to view the hard work and dedication of Yourselves. It was really cool to see how much work it requires just to make One ligament functional. Seeing all the Computer Pieces used is so fascinating. It must be So Complicated to have do so much work in the Lab just for it to need another whole Set of code to work in another Place besides the Lab. The amount of thought and detail is truly impressive.

Thanks
-Tommy

Dear Sergio, Ryan, Albert, and Professor Ames,

Thank you so much for a great introduction to what you do at your lab! I have always been very interested in robotics and things that move, and my visit has only reinforced that. One of the things that I found amazing is that you can know something, and most likely robotics uses that. As robotics is used to mimic things that move, I guess that would make sense. I hope that I can go to Caltech as a graduate or a phd. Thank you!

Sincerely, Luke

Dear Sergio, Ryan, Albert, and Professor Ames,

Thank you for taking the time to show us around your lab and tell us about your research. I greatly appreciate how enthusiastic you all were to answer our many questions. I found it very interesting to learn about the complicated procedures and problems you encounter when testing your robots. It's amazing how the IMU works to tell the robot how it's oriented. The processing speed must have to be so high for the robot to compute how to move next, especially for Archer. It was cool to learn how the drone can identify objects that will move and the robot hand's spiral of capturing photos to identify where the ball was. It's amazing how the arm could stay in place once we moved it. All the robots we saw were fascinating. Thank you so much for your wonderful presentation!

Sincerely,

Elena R.

Dear Sergio, Ryan, Alberto, and Professor Ames,

Thank you so much for taking the time to show us around your lab. It was really cool to see all your robots and the current things you guys are all working on. Out of all the activities we've done this has definitely been one of my favorites. I learned so much and liked how you guys had an answer to all of your questions! I'd never really been interested in studying robotics, but after today and learning from you guys and your lab, my interest of it has grown. I'll for sure consider studying robotics in the future, from what you guys showed us it seems very fun. It's crazy how many components there are to making a robot, and I would love to make one in the future. Once again, thank you for this amazing opportunity!

Sincerely,

Sophia Cervantes

Dear Sergio, Ryan, Albert, and Professor Ames,

Thank you for such an amazing experience today, and thank you for answering so many of our questions. I found archer the jumping robot the most interesting, the way it can balance with Gyroscopes is very cool. What I'm wondering is, how does Archer bounce up and down Forever? Or at least until something breaks? how do you re-compress the spring during the jump? I regret not coming up with that question before we left. Again, thank you all for such an eye opening experience, All of your time and effort is greatly appreciated,

- Justin Kobian

Justin

Dear Sergio, Ryan, Albert, & Professor Ames,

Thank you so much for taking the time to give us a tour of your lab and organize such an amazing visit. It was really amazing to see the robots in person and watch them move, especially the arm robot. I really enjoyed hearing about the different types of projects graduate and undergraduate students are working on at Caltech. The AMBER was very cool to see. I can't believe that robots are taking the shape of humans and are actually able to walk on two legs! I also found it very interesting that people from many STEM backgrounds can end up working with robotics. I also didn't know that there were different kinds of specialists in robotics like mechanical design, computer science, or math and physics. All of the information from the tour was very interesting and helpful. Once again, thank you so much for speaking to us, and answering all of our questions.

Special

Best,
Natalie Garcia

Dear Sergio, Ryan, Albert, and Professor Ames

Thank you for giving Davinci Camp a tour of The AMBER lab. Everything in the lab could be a presentation alone. I love how in one place new developments in biped, drone, and arm robotics happen. One thing that was common in all the robots was the interaction between sensors and the movement of equipment. If I work with robotics, I will study the theory of it. I love how there was real math on the glassboards in the lab. That enviornment of thought is much more attractive than highschool with little complexity.

Thank You,

Gabriel Barbosa-Topete