

I want to take the projects Hexapod and StepXplorer because they seem like amazing opportunities to learn and grow. I read about the new concepts like inverse kinematics, PID control, and working with sensors, but I'm very eager to understand how they all come together in real robots. Hexapod caught my eye because I have always found walking robots fascinating, and I would love to learn how they move smoothly on uneven ground. StepXplorer also seems really cool it is practical and teaches balance and obstacle handling, which I find very useful. I may not know everything yet, but I'm ready to put in the effort and learn as much as I can. Staying and learning during the summer time feels like a great opportunity to me which I don't want to miss out.