Over the past few years, the number of self-driving automobiles has increased steadily. As they being developed more stable and more reliable, have you ever wondered how self-driving cars navigate? In fact, there is an essential, powerful software in their computer making them avoid obstacles and reach a destination. This process is called 'path planning,' and it's the focus of my research. Right now, I’m working on helping small robots find the best path to move from one point to another and of course, without hitting any obstacles. My goal is to create a system that allows these robots to travel safely and efficiently. I’ll explain more details as we go along."