



## Richard Lin | Stanford University

*Read about VES graduate Richard Lin of Beijing, China, now a student at Stanford University. He discusses the breadth of his experiences and engagement he is enjoying at Stanford and shares the impact VES had in preparing him for success in college and beyond.*

### VES Prepared Me Well to Pursue the Full Breadth of Stanford

At Stanford, I am a Computer Science major focusing on robotics and artificial intelligence. I also am pursuing my interest in game development.

#### Learning about Artificial Intelligence

When I first arrived at Stanford I joined a research team in the Stanford AI Lab (SAIL), where I worked on developing robotic vision using reinforcement learning—an AI technique—to control multi-jointed robotic arms to manipulate and assemble objects using vision.

#### Expanding on Ideas Launched at VES

I co-lead the Stanford Robotics Club. What is particularly exciting is that we are actually working on improving the bionic exoskeleton arm I built for my Advanced Study program at VES.

Over the past two summers, I have served as an intern in the robotics industry. In my first internship, I worked on project Athena developing an autonomous indoor tour guide robot and improving its navigation capabilities using computer vision.





In my second internship, I applied deep learning—the next era of computing—where the GPU acts as the brain of computers, robots and self-driving cars that can perceive and understand the world.

## Exploring New Opportunities

When I first arrived, I took up archery, and served as the equipment director for Stanford Archery, a recreational club sport team that competes at state and national levels.

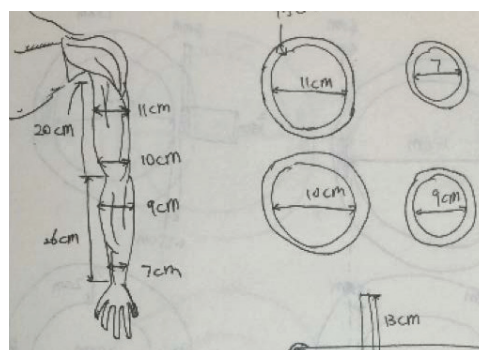
I saw photos of students learning to social dance at VES and it was quite funny. Social dancing is really big here at Stanford. I joined Stanford Swingtime, a Swing dance performance group that specializes in Lindy Hop.

## Thanks to VES

VES definitely prepared me for college. At VES I became more independent and was able to explore many new things. I feel like that really built my character and helped me become a more interesting person.

At Stanford, there's a wide range of people with different backgrounds and different skills. Some students are still trying to figure out what they want in their life and what they want to study, and other people have already formed their own companies and have started building their networks in the world.

I think VES put me in a good position and I am having a very good experience at Stanford.



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