# *Personal Biography*

**Jonas (Yunzhe) Li**

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| **Desired Audience:** | Recruiters from tech company, in the industry of robotics, vehicles, and Internet |
| **Communitive Goals**: | Convince the audience that I am the best candidate for their positions |
| **Constraints:** | (space limitation) LinkedIn ‘About’ section / Personal website ‘About Me’ section |

**Explorer at the intersection of embodied AI, vision, and robotics**

Inspired by Iron Man and a formative experience living with a Mechanical Engineering student at Stanford when I was 15, I have dedicated to creating intelligent programs that enable robots to collaborate with humans. This passion has fueled my journey through computers and robotics, learning and innovating every day. So far, I have served as the team leader of two different robotics teams for a total of 7 years, contributed as a research assistant at Shanghai University in AI explainability and Materials Science, and interned at DJI and Momenta, an autonomous driving software company partnering with General Motors, Mercedes-Benz, and Toyota.

My technical expertise spans object detection and tracking algorithms, robot testing, full-stack web application development, semantic segmentation, and knowledge graphs, along with collaborative tools like Git. Beyond that, my leadership has been honed throughout all my experience. I have led my team to the 2018 FIRST® World Championships in Detroit, placed 3rd in DJI RoboMaster Competition, pioneered a Python-powered report generator for vehicle simulation test deliveries, and achieved a 3% performance enhancement in autopilot reversing feature within 4 months.

Currently, I am a master’s student in EECS at UC Berkeley, and affiliated with the Mechanical Systems Control Lab where I work on computer vision for humanoid robot manipulation. I am eager to explore every new thing, thus I have extensive hobbies outside of work and study, from playing almost all ball games to playing music, drawing, traveling, and I have started to love hiking thanks to the ups and downs of Berkeley’s hilly terrain.

**Guidance:**

1. Revise your previous professional bio (one - two paragraphs; less than 300 words unless you've received permission to exceed this count). Include a title/headline (< 120 characters).
2. Deploys original language to relate a unique and memorable professional story; avoids jargon or broad descriptions that could apply to many other professionals in the broader field or industry.
3. Hooks your desired audience at the start, and leaves them with a strong sense of excitement, possibility, and curiosity at the end.
4. Maintains audience attention through nuanced transitions and clear, logical organization.
5. Showcases meticulous editing, with smooth flow and the absence of errors, typos, and grammatical slip-ups.

About Me

Jonas Li is a master’s student in EECS at UC Berkeley. My interest lies at the intersection of embodied AI, computer vision, and robotics. Currently, he is a member of Mechanical Systems Control Lab at UC Berkeley, working on computer vision for manipulation with humanoid robots.

Motivated by Ironman’s ability to empower machines collaborating with humans efficiently and safely,he served as team leader of two teams for FIRST® and DJI RoboMaster robotics competition from 2018-2024. Before being named team leader, Jonas started as an operating member, responsible for team’s operation and outreach, including content operation, competitive product analysis, and resource coordination. He then headed the team’s Computer Vision Division and played a key role in developing tracking algorithm and on-field cross-disciplinary deployment, ensuring stability and scalability in response to increasingly demanding requirements. He led the team, for the first time, winning the Inspire Award and the admission into the Detroit World Championship in FIRST® Tech Challenge, and the 3rd place in DJI RoboMaster Competition.

During his off-season from robotics team from 2021 to 2024, Jonas was a part-time Research Assistant at Shanghai University, focusing on AI explainability and AI for Materials Science. Standing at the intersection of technology and management, Jonas excelled in internships at DJI and Momenta, where he applied his expertise in robotics, product management, and collaborative leadership to practical engineering challenges.