



Job Description: Mechatronics Engineer, Intern

Summer 2021

Jaro Fleet Technologies

Oakland, CA

About the role

Join Jaro this summer for a recently-announced role building a high-value mechatronics prototype to support Jaro's engineering team. Jaro is developing a novel vehicle charging technology poised to transform the electric semi-trucking industry. The MechE intern will work as part of a small team of experienced engineers developing critical enabling technologies demonstrating breakthrough performance characteristics. This full-time, on-site role is ideal for a highly motivated, fast-learner engineering student who wants to use their skills to address a huge, unresolved source of climate emissions and urban pollution.

What you'll do

The core responsibilities of the Mechatronics Engineering Intern are to:

- Help develop, build, and test a novel, electro-mechanical system that enables breakthrough product performance
- Collaborate with mechanical and software engineers to ensure optimized system design
- Work closely with an experienced engineering lead who will guide project planning, provide frequent engineering review, and advise on ways to overcome project obstacles and challenges
- Contribute to a critical project for an ambitious, important, growing climate startup
- Develop an understanding for what it's like to work in an extremely-mission driven, socially-responsible startup environment

What You'll Bring

Excellent candidates will:

- Be working on, or have completed a bachelor's degree in mechanical engineering or similar
- Have experience with CAD
- Have experience designing and building robotics or mechanisms
- Be willing to do fabrication and assembly work, and be comfortable working with hand and power tools
- Think creatively and opportunistically to solve unusually hard problems efficiently
- Value diverse ideas, backgrounds, and problem-solving strategies
- Communicate effectively to share learnings and make clear group decisions

- Thrive in a nimble, small-team environment with significant individual autonomy

Compensation and Benefits

This is a paid-internship with competitive, market-rate hourly pay dependent on intern experience level. Additionally, interns are given access to discretionary funds for self-care and building community relations in support of Jaro vision and values.

About Jaro Fleet Technologies

Jaro Fleet Technologies exists to accelerate the widespread adoption of electric semi-trucks. Founded by an experienced electric vehicle expert (Apple SPG, 3 startups, MIT, Stanford) and well-capitalized by top-tier venture capital firms (Pale Blue Dot, Lerer-Hippeau, Box Group), Jaro Fleet Technologies is developing a breakthrough charging technology and highly-scalable customer acquisition model to rapidly electrify the fastest growing segment of US freight trucking.

Freight trucking is responsible for 3X more emissions than all other commercial vehicle types combined in the US, and has demonstrated very rapid customer adoption once unit economics are proven. Jaro seeks to deliver a critical enabling technology for this industry to electrify.

Working at Jaro means not only tackling this enormous source of greenhouse gas emissions and urban air pollution, but also redefining how climate startups treat their employees. Jaro Fleets is a Public Benefit Corporation in which each employee has rights to protect the company's mission, has an annual vote on CEO performance, and is empowered to prevent workplace discrimination. By inviting diverse, passionate employees to thrive in a more equitable organizational model, Jaro seeks to demonstrate a better way to solve climate.

Join Jaro's team to help us build this vision.

Equal Employment Opportunity

We are committed to creating an inclusive environment for all our employees and are seeking to build a team that reflects the diversity of the people we hope to serve with our products. We are proud to be an equal opportunity employer.

How to Apply

Please send resume or CV to internships@jarofleets.com and share any additional information you'd like us to review. We do our best to respond to all applicants within 48 hours.