AI Software Intern

Phone :
Web :

Job Summary

Vacancy :
Deadline : Oct 25, 2024
Published : Sep 25, 2024
Employment Status : Hybrid
Experience : Any
Salary :
Gender : Any
Career Level : Any
Qualification :

Job Description

You're passionate about a sustainable future and want to build something special. You want autonomy to own your work and at the same time to work with a talented, like minded team. The pace and scope of bringing an innovative product to market doesn't scare you - it excites you.
We feel *exactly* the same way.
We transform everyday drivers into explorers. For each of us, exploration can be a little different. From the weekend hike to a new start in a new country these are the experiences that shape who we are.
We design proactive, software for vehicles that take on challenging terrain. Our technology enables vehicles to see the road ahead of them, making them aware of the terrain, helping them anticipate challenges and make smarter decisions.
We envision a world where every explorer can confidently navigate any terrain – whether on trails, worksites, or the moon. We're not finished until our solutions are as essential as GPS.

Here's the problem we are trying to solve:

Machine learning applications have taken the automotive industry by storm, but these methods are difficult to directly transfer to an off-road setting. Objects and surfaces are well defined for street driving vehicles, whereas off-road is still not well defined.
Our team is developing machine learning solutions, integrated with an advanced perception sensor stack, to give our customers confidence in the most uncertain terrains. We need someone to aid in the development and testing of these complex solutions.
This role will look to support the Perception teams work in modelling and implementing the perception sensor stack by applying state of the art methods and developing prototype machine learning models for in-vehicle deployment.

Here's where you'll come in Jan-April 2025:

• Design, test, analyse, and validate sensor integrations
• Design and develop test software to validate data collection from sensors
• Conduct literature review, develop test specifications, and report preparation
• Participate in team design reviews

Who we are looking for:

• 3rd year (or higher) bachelors degree in Electrical Engineering, Computer Engineering, or similar program
• Strong C/C++ and Python programming skills
• Experience with device communication protocols and technologies (CAN, Ethernet, USB, etc)
• Knowledge of Computer Vision and Machine Learning techniques

What it's like to work with us:

• Ongoing mentorship after your co-op is complete
• Freedom and flexibility in work-life balance
• You will work with something real - you will see your work driving!
• Develop a detailed understanding of current and future technology in electric vehicles
• Team Building Events

$20 - $24 an hour
If this role sounds like you, we'd love to hear how your experiences would make you a great fit.

Potential Motors is an equal opportunity employer.

Apply for this job

Education & Experience

Must Have

Educational Requirements

Compensation & Other Benefits