



AI/Computer Vision Engineer Posting

Who we are:

BusPatrol is a Safety Tech company. We develop and deploy our technology internationally to turn school buses into Smart Buses, equipped with video, GPS, telemetry, data processing, and archiving. We are looking for an experienced AI/Computer Vision Engineer to join and help guide our growing team.

Who you are:

You're an engineer with experience researching and developing new projects with a team, where you discuss problem requirements and plan new ideas together. You're excited about developing prototypes to showcase new solutions to challenging problems, along with helping to realize them into fully fledged pipelines. You are comfortable sharing your insights to drive a better process.

Responsibilities

- Drive continuous adoption and integration of relevant AI technologies into design
- Design, build, and maintain efficient, reusable, and tested code
- Be a productive member of an inclusive team where pairing and peer reviewed code are valued
- Follow best practices (continuous integration, SCRUM, refactoring, and code standards)
- Contribute in all phases of the development lifecycle

Requirements

- 3+ years experience as a Machine Learning/ Computer Vision engineer
- Strong Python experience
- Intimate understanding of various Deep Learning frameworks and Computer Vision/Video Processing techniques
- Masters degree in Computer Science or equivalent experience
- Knowledge of version control, such as Git
- Testing techniques to validate results
- Practical experience deploying Computer Vision/Machine Learning solutions at scale into production



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Nice to haves

- AWS knowledge for deploying CV/AI solutions to production
- Experience with Python scientific libraries (scikit-learn, numpy)
- Comfortable working with large datasets
- Knowledge of different compute types and how to optimize for them