Real time lane detection

User Manual

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Table of Contents

- **Acknowledgements**
- **About me**
- **About my internship**
- **About my app**
- **How to use this app**
- **Contacts**

Acknowledgements

- **I would like to sincerely thank Mrs. Mani for her invaluable guidance and support throughout my internship journey in app development.**
- **My gratitude also goes to Dr. Ken Khan, my parents, mentors, group members, and friends for their encouragement and collaboration.**
- **A special thanks to the online platforms and resources that aided my learning. This experience has been truly enriching, and I'm grateful to all who helped along the way.**

About Me..

- **My name is Achyuth Sunil**

- **I am studying in grade 12 at Raha international school, Abu Dhabi**

- **Currently enrolled in clevered**

About My Internship Journey with Clevered..

- **My journey with Clevered has been an incredible learning experience. The internship allowed me to deepen my understanding of programming, explore app development, and gain hands-on skills in a supportive and engaging environment.**

- **I am truly thankful to the entire Clevered team for their guidance, resources, and for creating a platform that empowers young learners like me to grow and innovate.**

About App..

Please upload a video file using the widget below and click 'Process Video'.

Upload Video (0)

Process Video

- **My project is real-time lane detection. It works by uploading a road video and click on process video. It will give the user a lane detection video as an output.**

How do I use the App?

Click on run all, this will give the user interface.
Click on upload button to select any road video to upload for lane detection
Click on process button to process the video and give the user a lane detection video as an output where lane is being detected and highlighted with green lines

Option Name(This will be repeated for each option of the App)

Upload Video (0)

Process Video

- **Need to have stable internet connection**
- **Image processing libraries should work at user end**
- **It will take longer to process videos that are longer than 20 seconds**

Demo Video

Demo any 2 features/ functions/ options of your project. Make a recording of the same and attach here as a backup if needed

Toolkit Walkthrough

https://docs.google.com/spreadsheets/d/1oim4aGIICPge8TN_pCtf7695bsM7Okmz/edit?usp=sharing&ouid=111905865632367396830&rtpof=true&sd=true

Contact Person

- **Please reach out to me at achyuthsunil02@gmail.com for any questions/ concerns/ suggestions on the App**

Thank you!