How OpenCV can help reduce car accidents 🚗 😴 🎛 [Day 10 of 17]

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附　件:

Picture this.

It's late at night. You're driving home after a long day. You're only a few miles from home, which is great, because you're so tired…

...so tired…

...so ti...

— and suddenly you swerve, your eyes snap open, and you've lost an instant or two of time.

Have you ever fallen asleep while driving?

The United States National Highway Traffic Safety Administration estimates that *as many as 6,000 fatal crashes a year* are caused by drowsy driving — in addition to over 40,000 injuries and over 70,000 total crashes.

Clearly, drowsy driving is a real problem.

[That's why I'm pretty excited to share this drowsiness detector with you.](#) It combines the facial landmark and blink detection techniques you've already learned [to detect driver drowsiness in a real-time video stream](#) — and sound an alarm if necessary:
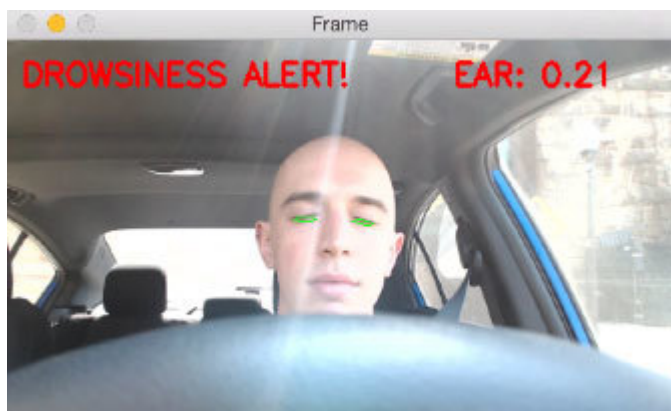
And once you've built your own drowsiness detector, you might also enjoy this Raspberry Pi version, if you're looking for something a little more portable than a laptop.

I'm sure you can think of plenty of ways to use these drowsiness detection techniques in your own apps!

Adrian Rosebrock
Chief PyImageSearcher

P.S. You're *more than halfway* through the crash course! If you're enjoying it and want to dig deeper, be sure to check out the **PyImageSearch Gurus course**, which is packed with even more actionable, real-world computer vision projects. It's the most detailed computer vision course you'll find online — and the easiest, most practical way to learn OpenCV and computer vision.

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