

Mobile Software Engineer (iOS or Android), MIT start-up  
[jobs@cmtelomatics.com](mailto:jobs@cmtelomatics.com)

Cambridge Mobile Telematics (CMT) develops mobile applications that make roads and drivers safer around the world!

We work on problems like these:

- Inferring vehicular dynamics and trajectories using sensor data from a mobile phone
- Automatic drive detection, activity detection, driver/passenger classification
- Detecting and discouraging distracted driving
- Quantifying safe vs. risky driving characteristics
- Detecting and responding to crashes and accidents in real-time
- Mobile app visualization, feedback, & incentives to improve a users driving
- Scaling our cloud infrastructure for a unique sensor-intensive workload
- Developing hardware and software for new mobile sensing platforms
- We don't work on figuring out how to entice people to click on ads

We are seeking top-notch iOS and Android developers to join us in building beautiful, engaging apps that help drivers improve their driving habits. Our mobile apps rely on innovative mobile sensing and machine learning technologies spun out of MIT. The apps are central to obtaining the sensor data and, more importantly, to changing driver behavior to make roads safer.

CMT is a spin-off from MIT's CarTel project (Professors Balakrishnan and Madden). Its team members have developed products at Akamai, Analog Devices, Google, Nokia, Quanta, Traffic.com, and Wayfair, and have conducted research at MIT, Berkeley, Harvard, UCLA, and Olin.

Our mobile apps and hardware are used by hundreds of thousands of drivers around the world, including in the US, Canada, Europe, South Africa, Australia, and Brazil. Our users receive instant, customized feedback, making them safer drivers and lowering their insurance rates. Many of them also get real-time roadside assistance using our crash detection system.

Note that our engineering team ranges from recent graduates to experienced PhDs. Your role in this position can be tailored to your level of experience and particular areas of focus.

Qualifications:

- Ability to write high-quality, reliable Objective-C software (iOS) or Java (Android)
- Well-versed in relevant libraries: Cocoa Touch and Apple Frameworks (iOS) or Google/Android, gradle and popular libraries (Android)
- A passion for UI/UX design and implementation
- A talent for presenting complex data in engaging ways to users
- Experience developing sensing/location-based and networked mobile applications