

The Multimedia group of Telecom ParisTech maintains an Open Source multimedia platform called GPAC (<http://gpac.sourceforge.net>). Well-known in the multimedia research community as well as in the open source video community at large, this platform offers the ability to experiment with many multimedia standards (IETF, MPEG, and W3C) and features many interesting tools:

- off-line media encoders and packagers, the most used being the MP4Box tool;
- streaming servers with capabilities for MPEG-2, RTP, MPEG-DASH formats and protocols;
- multimedia players, running on all platforms (Win, Mac, Linux, Android, iOS), capable of mixing audio/video content together with 2D/3D graphics or text overlay, and interacting with users through a JavaScript engine, they can be seen as light intermediate players between full-fledged web browsers and traditional and simple audio-video players.

The GPAC team is looking for talented and motivated multimedia software engineers to help improve, maintain, and disseminate the project. Tasks involved during the internship could be designing and adding new features to GPAC, in accordance with the standards in development, and participation to standardization activities around MPEG or HTML5 technologies.