

**The Design and Development of the Mobile Application of Science and Technology Museum
Exhibition and Education in digital age: the example of CSTM Magic Page**

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CSTM Magic Page is an interactive platform of exhibition and education based on Android mobile terminals. Its basic functions include classic routes planning, clues to task learning, multi-dimensional AR interaction, interactive reward and feedback, and so on. Finding internal connection of exhibits, different digital learning projects are designed to associate a plurality of exhibits. Using the app, the audiences can visit and experience many thematic routes by themselves. They can also select different game tasks to enter theme based learning and project based learning. Through the interactive experience of exhibits and digital resources which including text, audio, video, panoramic video, AR interaction and touch interaction, users of the app can explore content and science knowledge deeply. Based on open platform, third-party staffs can expand or edit contents easily without participation of R&D Company. CSTM Magic Page provides a flexible way for visiting and interactive intelligence experience for individuals, groups, schools, and so on. It also continues and deepens the digitalization construction of science and technology museum.