

Artificial Intelligence Technologies and the Evolution of Web 3.0

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ABSTRACT

Web 3.0 creates the potential for implementation of new teaching strategies and new forms of teachers' professional pedagogical activities. Today, it is possible to assume the trends of Web 3.0 development. Most of these trends have been already revealed in the analysis of the current state of modern network technologies. New educational practices require both awareness of new opportunities in networking and acceptance and understanding of new educational strategies of learners. The chapter describes a concept of teachers' professional goals transformation in terms of Web 3.0, stressing movement towards learners' needs. The first pedagogical objective is to design the information educational environment. The second objective is to perceive a student via the informational environment. The third objective is to interact with other members of the informational environment. The fourth objective is to arrange the learning process. The fifth objective is to ensure professional self-development.

INTRODUCTION

During the last decade the issues of the web technologies have been actively discussed. The main reasons for the development of the web technologies - from Web 1.0 to Web 2.0 have been

considered and identified. Today, however, there are witnessed some changes that allow to draw conclusions about the development of *Web 3.0*.

The basis of the Web 3.0 concept aims to implement possibilities of machining the information available on World Wide Web in various forms:

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