

2022 12TH INTERNATIONAL CONFERENCE ON

ADVANCED COMPUTER INFORMATION TECHNOLOGIES



Part Number: CFP22S92-ART
ISBN: 978-1-6654-1050-2
ISSN: 2770-5226

▶ Spisska Kapitula, SLOVAKIA,
26-28 September 2022

2022 12th International Conference on Advanced Computer Information Technologies (ACIT) | 978-1-6654-1050-2/22/\$31.00 ©2022 IEEE | DOI: 10.1109/ACIT54803.2022.9912748



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2022 12th International Conference on

**ADVANCED COMPUTER
INFORMATION TECHNOLOGIES
ACIT'2022**

Conference Proceedings

Spišská Kapitula, Slovakia
26-28 September 2022

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Improving the quality of IT students' education: the Ukrainian experience

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Abstract—Innovative development of the country depends on the creation and implementation of modern information technologies in all spheres of economy and public life. Competitiveness of the country is possible only if there are highly qualified and educated specialists who are able to develop and implement such technologies in different sectors of the economy. IT education plays a significant role in providing the state with IT specialists.

The state of IT education in the Ukrainian universities is considered in the paper. Problems of the education quality of IT-students are analyzed. The forms of the cooperation between Ukrainian universities and leading IT companies within the triple helix model are discussed as one of the ways of improving the quality of education for students of IT specialties. Significant attention is paid to the team work on charitable projects.

Keywords—IT education, project, soft skills, team work, triple helix model, university and industry collaboration.