

IT Skills Gap: A Survey Of Employers' Requirements In Four Key Domains

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Abstract

Information Technology (IT) skills gap discourse suggests a mismatch between what students are acquiring in terms of knowledge and skills in their education versus what employers believe are useful skills for doing day to day tasks. This study builds upon previous research (analyzing the skills of college students in IT-related majors) by surveying industry professionals to determine the skills their organization requires and offering suggestions that can benefit the educational institutions and create a better educated workforce. Implications are drawn and a conclusion is presented.

Keywords: IT skills, competencies, cyber security, infrastructure, development, emerging technologies

An updated version of this manuscript may be found at <https://isedj.org>