factors as galloping inflation and events in the East of the country – influenced the state of the labor market, including the capital, the city of Kiev». Unemployment is also one of the main causes of so-called "brain drain". The able-bodied population emigrates to other countries, because of the inability to find a profitable job in modern Ukraine. The current imperfect situation in the labor market of the state can be linked to the following problems: concentration of highly skilled personnel at unprofitable enterprises, insufficient level of wages of workers, almost complete automation of large enterprises, optimization of state enterprises.

The main factors of the emergence of these are the general recession of the Ukrainian economy and the unbalanced demand and labor supply. Analyzing trends in creating new jobs by region, one can conclude that each year unemployment will increase.

In order to overcome the global unemployment problem, it is necessary to introduce a set of effective measures that will promote the attraction of the able-bodied population and the revitalization of the modern labor market. First of all, a program for regulating the economy of the state as a whole should be implemented through the introduction of investments from abroad. This will give an impetus for the development of state-owned manufacturing enterprises and firms, which will eventually attract skilled personnel. Since today a large proportion of workers need professional training, it is necessary to increase the funding of institutions that deal with qualifications and retraining of staff. This will help to increase the efficiency of manufacturing high quality products, which will be competitive not only in the domestic but also in the foreign market. It is also necessary to establish new relations with foreign companies and enterprises on the basis of information exchange between organizations. Therefore, the situation with the high level of unemployed in Ukraine requires the immediate introduction of effective measures concerning the regulation of the economy of the state as a whole. The problem should be solved by taking into account all the factors that have a direct impact on the replenishment of the labor market and the creation of new jobs.

Scientific supervisor: Rozum M.I., Senior Lecturer

UDC 004.738.1 (043.2)

Gultyayev S.A. National Aviation University, Kyiv

THE LATEST NEWS IN WEB DEVELOPMENT

Bootstrap one of the most popular Cascade Style Sheets (CSS) frameworks throughout the world, finally, got its 4th stable version. Lots of useful features were added like using flexboxes instead of float. Also, there is good news for those who like to customize framework, because Twitter's team has improved their styles so that you can easily change any style of user interface (UI) via global variables with help of Sass (CSS preprocessor).

Framework's documentation has been improved and got new explanation with latest recommendations for Hyper Text Markup Language (HTML) tags and improving site's accessibility for disabled people.

Since Bootstrap uses flexbox some layout classes were removed and some new were added. Now you can use class "col" to make block fulfill all available space. Also,

we have more powerful tools for layout which flexbox provides us with.

Today, Bootstrap uses Reboot.css instead of Reset.css which makes standard styles look same in all supported browsers. Reboot.css provides us clear styles with less selectors in opposite to Reset.css.

Another significant event this year is that Facebook under community pressure changed ReactJS's license to Massachusetts Institute of Technology License (MIT). ReactJS is one of the most popular JavaScript (JS) frameworks for creating Single Page Applications (SPA). Now, everyone can develop their SPA with no fear of patent issues with Facebook. Also, ReactJS got new technology which lets us update DOM asynchronously.

Angular is another one popular JS framework developed by Google. This year it got new 5th version with small improvements in compiler, decoration support, HttpClient, forms and Command Line Interface (CLI).

Tendency of CSS-in-JS gets more popular. The main idea is that one describes CSS rules in JS and then rules are inserted into HTML. This approach improves browsers support and decreases cross-browser problems with styles. It may be implemented via third party libraries or ReactJS which works with styles that way initially.

Block Element Model (BEM) approach become incredibly popular due to its using advantages. While one uses BEM methodology it becomes much easier to style Web site, because styles do not interact with each other. This decreases amount of styling problems when one cannot decide which style breaks page's layout.

Moreover, Mozilla has announced a plan that grows collaboration with Microsoft, Google and other industry leaders in order to consolidate information about web development in different browsers not only FireFox. This should increase quality of World Wide Web (WWW) for users, because it will be easier to develop site or SPA with well-written documentation for any popular browser.

> Scientific supervisor: Maksymovych G.O., Senior Lecturer

UDC 339.92 (477) (4-6CC) (043.2)

Holiarchuk Y.Y. National Aviation University, Kyiv

IMPROVING TRADE RELATIONS BETWEEN UKRAINE AND THE EUROPEAN UNION

Foreign trade is one of the prior sources of the national budget of Ukraine. However, the implementation in Ukraine is export policy prevents a number of factors, including:

- a lot of products have low competitiveness;
- slow transition to the output of new products;
- poor quality of industrial products comparing with world analogues;
- high cost of many products;
- non-conformity of production with world standards.

In order to prevent all kinds of risks, Ukraine should do the following steps:

- to diversify the geographical structure of foreign trade, minimize dependence on individual markets and states;