Predictions of Web Developers Salaries for 2019 and 2020
Finding the proper developer for the project has never been an easy task. And there is no modern business that would not ask themselves how much does it cost to hire a programmer and whether there is any way to save money without compromising the quality. Let’s take a closer look at this study and do some simple math.

**JavaScript**

In 2017 the US experts who work with JS were over 4 times more expensive than Ukrainian developers, with salaries average salaries around 6K. These numbers tend to drop a bit in 2018, leaving us with 3.1 ratio between the salary of average US programmer and Ukrainian specialist. If talking about single-technology specialist (like React.js, Node.js, Angular.js developers) they were even more reasonable in terms of price (leaving US specialists 5 to 6 times more expensive).

**PHP**

PHP is one of the most wide-spread backend programming languages with a versatile area of practical application, meaning constant need of specialists. Developers from Ukraine have proved to be experts in the field offering high-quality services for 4 times smaller price compared to their colleagues from the USA or 3 times less compared to UK developers. While these numbers are most likely going to change in 2020, Ukraine will probably offer the most affordable and professional help.

**Java**

Being a backbone technology of numerous enterprise solutions, Java requires skilled and trained professionals. In 2017 the average cost of Java developer was $1800, which is 3.4 less than the average salary in the US, and these numbers grew apart even more in 2018 reaching average 3.6 times difference.

**C#/.net**

Two primary languages of almighty Microsoft, these technologies represent the corporate sector and desktop applications development. With an average 1:3.38 ratio compared to US developers and 1:2.65 compared to UK developers salaries, developers from Ukraine are winning the race.

**CSS/HTML**

Ukrainian web developers successfully represent the market, offering their services at more than 10 times lower rates comparing to specialists in the US, and almost 8.5 times less than developers from United Kingdom (based on the data from 2017). And looking at 2018-2020 data, these rates aren’t going to drop.

**Python**

Data processing, machine learning, and web application are commonly represented by the use of Python. In terms of web application development Ukraine can be proud of having numerous experts with both knowledge and experience, sufficient to complete even the most complicated tasks. An average Python developer can be hired for 3.5 times smaller salary than a programmer with the same experience who lives in the USA.

**Ruby**

Being a general-purpose language, the products of Ruby development are commonly represented by the system and administration tools, as well as website development (particularly Ruby on Rails). Developers in Ukraine offer their services at a starting price of $1400, whereas US programmers request an average salary of $4900 and their British colleagues demand median $8300.

**C**

Now used in high-performing applications (i.e. RDBMS), microcontrollers and OS, C developers in Ukraine can be hired for 4.5 times less in comparison to their US comrades. However, it seems to be hard to predict the level of compensation for this language.

**Objective-C**

Before the introduction of Swift, Objective-C was a primary language of iOS and Mac Os. In Ukraine, an Objective-C developer could be hired for $1820 that is more than 4 times cheaper than the US programmer (based on 2017 rates).

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**C++**

Game development engines and QT are based on C++, where a typical Ukrainian developer can be hired for almost three times less than a regular developer in the United States.

**Go**

New and trending, potentially threatening C language, that is used for both back-end and system tools. In Ukraine, an average GO developer is paid $2500 that is 4 times less than a programmer in the US.
Perl
One of the languages that is used in text processors, Perl developers are paid around $9200 in the US and $5300 in Switzerland, whereas Ukrainian dev can be hired for $1300.

Scala
Mainly utilized in big data, Scala is represented by a world-wide pool of developers from various countries. In Ukraine, a Junior developer can be hired for $2500, whereas in the US this sum will be multiplied by 2.5 and by 4 for the developer from Switzerland.

SQL
Developers that work with this language have a specific skill set and knowledge base. While the salary ratio has dropped from 4.3:1 to 4:1, the actual compensation for the developers’ services has actually decreased.

R
A lot of data processing is handled by R. In order to hire R developer, a company can count on a starting salary of $2300 in Ukraine and 3 times more if the specialist is hired in the US.

Shell
Big and mighty language that is used in Linux depends on the developers with proper knowledge and expertise. In Ukraine, such developer can be hired for 2.7 less compensation rate than in the US.

Typescript
Typescript developers in Ukraine can be hired for 3 times less than their fellow colleagues in the US and 2.3 times cheaper than UK programmers.

Android
Being one of the most widespread mobile OS, there is the constant need for such specialists. If hired via outstaffing, an hourly rate for the Android developer would start at approximate $7.5-8, whereas Android freelance hourly rate starts at $15-40.

IOS/Swift
Generally, Swift developer is a tough subject for discussion, as one needs to fit the requirements of the particular project. Generally, US and UK rates are 2 to 3 times higher than IOS developers Ukraine can offer.

Cordova
Hybrid web applications quite often use Cordova, and the number of such app developers in Ukraine can be hired for $2300 for a Junior specialist.

WordPress
Representing one of the biggest platforms that host millions of websites and blogs, Ukraine offers specialists with a starting price of $250 dollars in 2018.

Magento
Representing enterprise e-commerce sector, Magento PHP developer salaries in 2018 represent the significant difference between US and Ukrainian job market hitting the 10 times difference mark with approximate salaries of 13K and 1.2K compensations respectfully. Script developers in Ukraine can be hired for 3 times less than their fellow colleagues in the US and 2.3 times cheaper than UK programmers.

Odoo
While being not that popular, this complex offers a wide variety of services. In Ukraine, an Odoo specialist in 2018 is paid around $3000, which is twice less than a developer with similar expertise from Britain.

Salesforce
One of the biggest CRM-systems that represents the corporate and enterprise sector, has representatives in Ukraine as well. Developers were hired at a starting salary of $2300 in 2017, and $3020 in 2018, which is 3 and 1.8 times less respectively (compared to the developers from the United States).

Being one of the countries that provide worldwide outsourcing and outstaffing services, Ukraine still keeps the rates reasonable for both client and developers. It means that you can find an expert with proper qualification, experience and knowledge with 2 to 5 times smaller salary. Seems like a great deal, don’t you think?
### Research on Technology Salaries

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All references are available in the PDF file.