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## **YANGI ASR VA YANGI MUTAXASSISLIKLAR**

*Annotatsiya: Maqolada bugungi kunda mehnat bozoriga kirib kelgan yangi davrga mos bo'lgan mutaxassisliklar, jumladan, axborot texnologiyalari sohasiga xos bo'lgan yangi kasblar va ularning ahamiyati haqida so'z yuritiladi.*

*Kalit so'zlar: web developer, data scientist, koder, freelancer, gadjet*

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## **NEW AGE AND NEW SPECIALTIES**

*Abstract: The article discusses the specialties corresponding to the new era that has entered the labor market today, including new professions characteristic of the field of information technology, and their significance.*

*Keywords: web developer, data scientist, coder, freelancer, gadget.*

Insonlar hayot tarzi tobora engillashib, ko'plab ishlar avtomatlashgan tizimlar orqali amalga oshirilayotgan bir paytda kasblar soni va ularga ehtiyoj ham o'zgarmoqda, mehnat bozoriga yangi davrga mos bo'lgan mutaxassisliklar kirib kelmoqda. Jumladan, axborot texnologiyalari sohasiga xos bo'lgan yangi kasblar (web developer, data scientist, koder va boshqalar).

2019-2020 yillardagi Covid-19 pandemiyasi masofadan turib ishlashni taqozo qilgani freelancer (ing. “yollanma ishchi”) likni rivojlantirdi va ommalashtirdi. Ya’ni uydan chiqmasdan turib dunyoning ikkinchi chekkasidagi ish beruvchi bilan aloqa o’rnatish, buyurtma olish, uni bajarish, o’z vaqtida topshirish va haqini olish imkoni bo’ldi, hanuz bo’lmoqda.

Dunyoga mashxur Forbes nashrining ma’lumot berishicha, jahon mehnat bozorida axborot texnologiyalari sohasi mutaxassislariga ehtiyoj jadal oshib bormoqda.

Axborot texnologiyalarining biznes va yirik ishlab chiqarish sanoatida joriy qilinishi, kiber hurujlarning hajmi va ko’lami oshib borishi bilimga boy mutaxassislarga kasbiy muvaffaqiyat eshiklarini ochmoqda.

#### Top 10 Best Jobs in America in 2020

Rank	Job Title	Median Base Salary	Job Satisfaction	Job Openings
1	Front End Engineer	\$105,240	3.9	13,122
2	Java Developer	\$83,589	3.9	16,136
3	Data Scientist	\$107,801	4.0	6,542
4	Product Manager	\$117,713	3.8	12,173
5	Devops Engineer	\$107,310	3.9	6,603
6	Data Engineer	\$102,472	3.9	6,941
7	Software Engineer	\$105,563	3.6	50,438
8	Speech Language Pathologist	\$71,867	3.8	29,167
9	Strategy Manager	\$133,067	4.3	3,515
10	Business Development Manager	\$78,480	4.0	6,560

Source: Glassdoor Economic Research (Glassdoor.com/research)

Bugun AKT mutaxassisi uchun ta’lim muassasasida olgan nazariy bilimga qo’shimcha izlanish, mustaqil o’rganish mehnat bozoriga raqobatbardosh kadr bo’lishga yordam beradi.

Zamonaviy IT-mutaxassisiga qo’yiladigan 3 ta bosh talab:

- dasturlashni bilish;
- yaxshi yoza olish;
- odamlar bilan aloqaga kirishish ko’nikmalariga ega bo’lish.

Amerika Mehnat statistikasi byurosining ma’lumot berishicha, 2024 yilga kelib kompyuter va axborot texnologiyalari sohasidagi mutaxassislarga ehtiyoj

12 foizga oshadi. Keyingi 10 yillikda birgina AQSHning o'zida IT sohasi xodimlari soni 3.9 milliondan 4.4 millionga oshadi.

Quyidagi jadvaldan ko'rinib turibdiki, agar yoshlar talab darajasidagi kadr bo'lsa, moliyaviy daromaddan umuman tashvish tortmasa ham bo'ladi (Eng qimmat IT-sertifikatlari, 2020 yil. Manba: Global Knowledge Study, 2020 yil uchun eng ko'p to'lanadigan 15 ta sertifikat):

Most Valuable IT Certifications, 2020 (Source: Global Knowledge Study, 15 Top-Paying Certifications for 2020)	
Certification	Annual Salary
1. Google Certified Professional Cloud Architect	\$ 175,760
2. AWS Certified Solutions Architect – Associate	\$ 149,440
3. CISM - Certified Information Security Manager	\$ 148,620
4. CRISC - Certified in Risk and Information Systems Control	\$ 146,480
5. PMI® Project Management Professional	\$ 143,490
6. CISSP - Certified Information Systems Security Professional	\$ 141,450
7. CISA - Certified Information Systems Auditor	\$ 132,270
8. AWS Certified Cloud Practitioner	\$ 131,460
9. VCP6-DCV: VMware Certified Professional 6 - Data Center Virtualization	\$ 130,220
10. ITIL® Foundation	\$ 129,400
11. Microsoft Certified: Azure Fundamentals	\$ 126,650
12. Microsoft Certified: Azure Administrator Associate	\$ 125,990
13. CCA-N: Citrix Certified Associate – Networking	\$ 125,260
14. CCNP Routing and Switching	\$ 119,170
15. CCP-V: Citrix Certified Professional – Virtualization	\$ 117,060

Ma'lum bo'lishicha, yer yuzidagi har 100 ta tanqidchiga qarshi chiqib, dunyoga yangilik olib kelishga qodir bo'lgan 1 nafar geniy bor ekan. 20-asrning boshlarida avtomobilsozlikda ulkan rejalarni ko'zlayotgan Genri Fordga atrofida har bir odamning avtomobilga ega bo'lishi aqlga zid hodisa ekanini aytishgan. Ammo, Genri Ford bu shubhalarni rad etdi va maqsadiga erishdi.

Xuddi shuningdek, o'tgan asrning 70-yillarida axborot texnologiyalari o'zining rivojlanish cho'qqisida bir muddat to'xtab qolgandek ko'ringan edi. Bill Geyts, Stiv Jobs kabi ilg'or fikr egalarning har bir uyga kompyuter olib kirish orzusi jamoatchilikning kulgisiga sabab bo'lgan bo'lsa ham, ular shubhalarga shubha bilan qarashdi va har bir xonadon o'zining shaxsiy kompyuteriga ega bo'lishi mumkinligini isbotlashdi.

21-asrda xohlagan inson axborot texnologiyalarining sub'ekti: odamlar gadjet va aloqa vositalarisiz turmushlarini tasavvur qila olmaydilar hamda elektronika mahsulotlariga ehtiyoj jadal oshib bormoqda. Natijada, sog'liqni saqlash, ma'lumotlar bilan ishlash, mobil texnologiya, umuman turmush tarzining barcha jabhalari uchun axborot texnologiyalari mutaxassislariga zarurat oshmoqda.

Shuni hisobga olib, yoshlar o'zi uchun yorqin kelajak tanlashga hali vaqti bor. Qolaversa, ota-ona ham farzandini hozirdanoq axborot texnologiyalari sohasiga qiziqтира olsa, ularning muvaffaqiyatli istiqboliga poydevor qo'ygan bo'ladi.

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