

کی و از کجا باید کامپیوتر را شروع کنم؟



علی قاسم پور
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- ***Developers***

- Web Developers
- Mobile Developers
- Computer Programmers

- ***Networking Specialist***

- Passive
- Active (Cisco , Mikrotik)

- ***System Admins***

- Linux
- Microsoft

Features of Good Developer

- Try to be Creative
- Repetition kill creativity !
- If you are First Then you are Famous .
- Problem Solving Ability .
- Idea ... Idea ... Idea !

Web Developers

1. Always You can have Job .
2. There are 2 Different Types :
 - a. **True Programmers** (PHP , HTML , JS , Python , Ruby , ASP.NET)
 - b. **Those who use CMS** (WordPress , Joomla , Wiki , Drupal)
3. Backend and Frontend Developers

Quick Facts: Web Developers	
2015 Median Pay ?	\$64,970 per year \$31.23 per hour
Typical Entry-Level Education ?	Associate's degree
Work Experience in a Related Occupation ?	None
On-the-job Training ?	None
Number of Jobs, 2014 ?	148,500
Job Outlook, 2014-24 ?	27% (Much faster than average)
Employment Change, 2014-24 ?	39,500

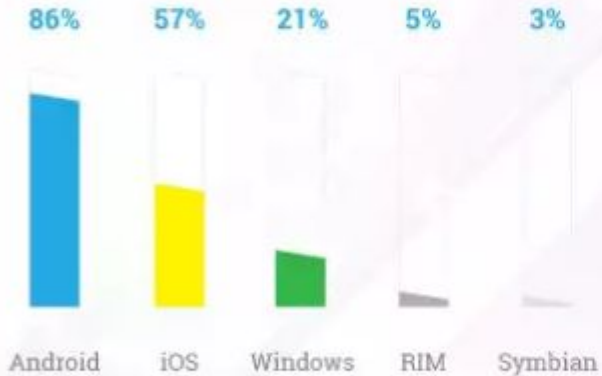
Mobile Developers

1. There are 2 **Major** Different types :
 - a. **Android**
 - b. **ios**
2. Good knowledge of Object Oriented (OO) .
3. Those who work on **Android** should have good knowledge of **JAVA** and **XML**
4. Those who work on **ios** should know about **Swift** Programming Language

Mobile Dev Statistics

Developer Mindshare : Top Platforms & Languages Used By Developers

Platforms



Language



Revenues

55% of developers make less than \$1000 per month; Monthly average mobile app revenue globally is under \$6K

Java is the most popular language, while Swift is slowly gaining traction

Computer Programmers

1. Turn **Design** to **Code** .
2. Write or Analysts Codes .
3. **Java** , **C++** , **C#** are popular languages .
4. You can use **QT** for Creating UI.

Quick Facts: Computer Programmers	
2015 Median Pay ?	\$79,530 per year \$38.24 per hour
Typical Entry-Level Education ?	Bachelor's degree
Work Experience in a Related Occupation ?	None
On-the-job Training ?	None
Number of Jobs, 2014 ?	328,600
Job Outlook, 2014-24 ?	-8% (Decline)
Employment Change, 2014-24 ?	-26,500

Features of Good Networking Specialist

- You need mind to focus different problems .
- Ability of explain and describe great problem .
- Ability of making and reading a scenario .
- You will be employed as Full time or Part time .

Passive

1. Cabling methods and Designs .
2. Knowledge about equipments (switches, routers, computers, etc.)

Active

1. Setting up Routers , Switches and etc.
2. Working with **Cisco** , **Mikrotik** , **Huawei** , **Juniper** and etc equipments .

Quick Stats



\$75,790

MEDIAN SALARY



2.0%

UNEMPLOYMENT RATE



30,200

NUMBER OF JOBS

Features of Good System Administrator

- Ability to Manage Servers and Customers .
- Prevent Network from attacks and Hackers .
- Organizing and Holding Information
- Solving and Handling of Problems .
- High responsibility brings more paid .

Linux Administrator

1. Totally Open Source and Secure .
2. High Customizable .
3. Multi User Architect .
4. Variety of Services .



Country: United States | Currency: USD | Updated: 12 Jan 2016 | Individuals Reporting: 660

Microsoft Administrator

Employees with a Microsoft Certified Systems Administrator (MCSA) Certification Salary Ranges by Job

Job Title

Systems Administrator

385 salaries

Information Technology (IT)

Manager

273 salaries

Network Administrator

166 salaries

Information Technology (IT)

Director

142 salaries

Senior Systems Administrator

142 salaries



Country: United States | Currency: USD | Updated: 26 Sep 2016 | Individuals Reporting: 3,187

Some Tips :

- Never is late for learning new stuffs.
- If you can't afford to going to class , Try Self-Study
- You have wide choices to choose.
- You can combine any fields to get better result .
- For good salary need good knowledge .
- **Try Going to Work After graduating NOT Start Learn New things !**

Thank You
For your attention

References :

- <http://j-22.ir/?p=271>
- <http://www.payscale.com>
- <http://www.bls.gov>

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