



IT JOB TRENDS

NC IT JOB POSTINGS JULY 2018

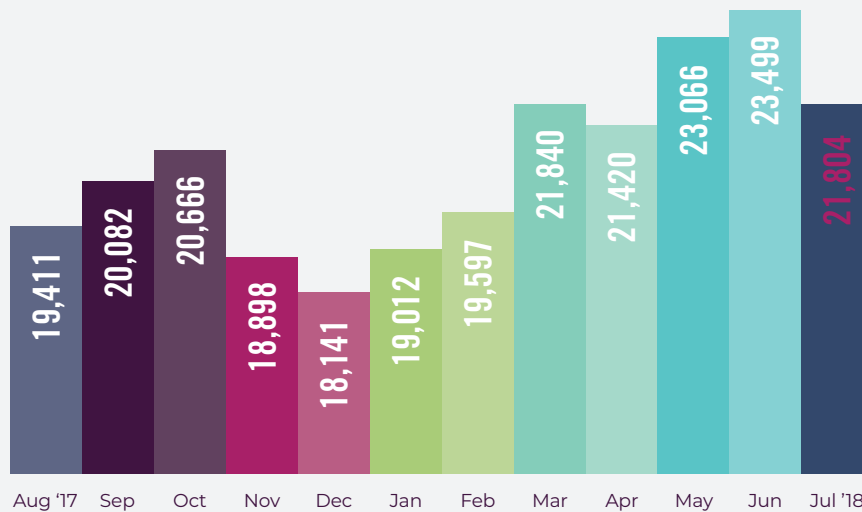
TOP 10 Occupations

Occupations	July '18	July '17
Software Developers	3,948	+33.5%
Computer User Support Specialists	2,544	+5.0%
Computer Systems Analysts	2,531	+0.4%
Network + Computer Systems Administrators	2,298	+3.3%
Information Technology Project Managers	1,940	+13.1%
Web Developers	1,522	+16.5%
Computer Systems Engineers/Architects	1,512	+30.7%
Information Security Analysts	1,349	+31.6%
Computer + Information Systems Managers	1,282	+26.2%
Software Quality Assurance Engineers + Testers	901	+24.8%
TOTALS Including All Others	21,804	+16.7%

NC vs US JOB POSTINGS / July 2018



TOP JOB POSTINGS / PAST 12 MONTHS



*Ongoing data updates/revisions may cause fluctuation in job numbers contained in previous monthly reports

TOP 10 MSAs

Location	July '18	July '17
Charlotte/Concord/Gastonia	7,471	+4.3%
Raleigh	7,214	+24.9%
Durham/Chapel Hill	2,940	+61.4%
Fayetteville	936	+1.7%
Greensboro/High Point	729	+6.3%
Winston-Salem	414	+12.8%
Wilmington	257	+24.8%
Asheville	173	+32.1%
Hickory/Lenoir/Morgantown	154	+1.3%
Greenville	115	+15.0%
TOTALS Including All Others	21,804	+16.7%

TOP 10 Hard Skills/Certifications

Skill	July '18
Java	4,238
Software Development	3,878
Structured Query Language	3,407
Linux	3,035
JavaScript	2,566
Systems Development Life Cycle	2,468
Python	2,435
Microsoft Office	2,387
Quality Assurance	2,384
Application Development	2,334

TOP 10 Hirers of Tech Talent

Employers
Oracle
IBM
Bank Of America
ACCENTURE
Wells Fargo
Deloitte
Cisco
Verizon
Covance
XPO Logistics, Inc.



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RECRUITING *with* PURPOSE

TECH TALENT TRENDS REPORT

August 2018



DATA SUMMARY

There were **21,804 tech job postings** listed in North Carolina in the month of July, approximately 1,300 fewer postings than June 2018, but still over 16% higher than last year's numbers for July.

Despite fewer postings than the previous month, the summer continues to be a busy time for tech recruiting and hiring. **Transportation, warehousing, retail, and educational services**, demonstrate at least 34% growth compared to last year. Postings have also increased across all positions and skill sets, with all of the top 10 positions and skills seeing an increase in activity.

WHAT'S TRENDING IN TECH HIRING?



Two emerging technologies that did not make the top 10 list, but have demonstrated **increased growth** over the past month include **Machine Learning Techniques (+85.82%)** and the **Internet of Things (+66.48%)**. This month, we decided to take a closer look at these emerging technologies.

Gartner predicts that by 2020, the global IoT market will grow from \$157 billion to **\$457 billion** due to industry investment from manufacturing, logistics, and transportation. This will result in **over 65% of enterprises** utilizing IoT products. This boom in IoT has also led to increased growth in machine learning, as businesses need a solution to utilize the data that IoT provides.

As cloud computing solutions, IoT, machine learning, and other technologies continue to develop in non-tech sectors, the **talent pool continues to shrink**. Here are three tips to prepare for future Machine Learning hiring needs at your company.

- 1 Cross train** current talent that already has skills in big data, data science, problem solving, and coding.
- 2 Develop** partnerships with **local universities** to train and attract talent with Machine Learning skillsets.
- 3 Partner** with a **recruiting firm** to help identify high demand talent such as Data Scientists and Machine Learning Engineers.



STAY CONNECTED



Jason deFreitas, Vice President of Recruiting Solutions
jason@greeneresources.com

(919) 862-8602

greeneresources.com

