

# JOB PRE "The Voice of Career Insight"

**Global Information Technology - Monthly Newsletter** 

December 2016



#### **High-tech startups in Michigan Increasing**

The number of high-tech startups in Michigan is booming, encouraged by the state's network of SmartZones, which I ncubates the growth of technology-based businesses and jobs. They direct resources to commercializing ideas, patents and other opportunities. Accelerators like NextEnergy and Wayne State University-based Techtown bridge startups from incubation to commercialization. Michigan is the unrivaled epicenter for R&D activity, testing prototyping and manufacturing for all aspects of connected vehicles and intelligent transportation systems.

#### **Don't Make These Mistakes**

1) Arrogance - Too many techies come across as arrogant in interviews, says Sean Chou, CTO of Fieldglass, a software technology company. "A lot of



techies are very talented, but what comes out is arrogance," he says. Arrogance suggests "they can't be a team player," Chou notes.

2) Too Negative - Some techies who have seen tough times may mistake an interviewer's friendly demeanor as an invitation to confide. Some candidates use interviews as therapy sessions and don't even know it. If this is you, stop.

## Global I.T.'s Monthly Thought Provocation

Tomorrow, is the first blank page of a 365 page book. Write a good one."

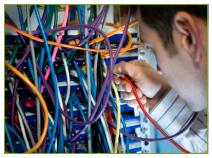
- Brad Paisley

# Special Points of Interest In This Issue of 'JobPrep'

- Michigan's Growing Technology Sector
- Interview Errors
- NEW! Wellness Corner
- Working with a Recruiter
- IT News for 2017
- · And much more!

# How U.S. tech-sector jobs have grown, changed in 15 years

Since the World Wide Web was conceived 25 years ago, it's become a major reason why computers, smartphones and other data/communication technologies are integral parts of most everyone's



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The next level

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daily lives. Among other things, that means many more Americans are employed in developing, maintaining and improving those devices and the communications networks they use. Pinning down just how many, though, turns out to be rather tricky.

To get a sense of the Web's impact on employment, Pew Research Center analyzed data from the Occupational Employment Statistics program, a joint federal-state effort to catalog the structure and compensation of the nation's workforce. The program sorts wage and salary workers into some 800 different occupations, from CEOs to short-order cooks. Twice a year, the program collects payroll data from about 200,000 employers; each set of occupational estimates combines the six most recent semiannual panels, for a total of 1.2 million establishments. (Though, it's important to note that the data exclude self-employed workers.)

The most recent estimates indicate that about 3.9 million workers — roughly 3% of the nation's payroll workforce — work in what we might think of as "core" tech occupations — not people who simply use computing technology in their jobs, but whose jobs involve making that technology work for the rest of us. (We excluded occupations involving the installation and repair of telecommunications lines and equipment, as well as computer repairers.)

How has that workforce changed over the past 15 years? That's harder to answer. The first year for which estimates are available across all industries is 1997, nearly a decade after the Web went live and well into the first phase of the dot-com boom. And because occupational categories and definitions have changed over the years, not all the 1997 figures can be directly compared with the 2012 ones. Nonetheless, Pew selected the 1997 tech-related occupational categories that are broadly comparable to the 2012 ones, and found about 2.2 million such jobs — about 1.9% of the 1997 payroll workforce.

We accept Veterans/GI Bill Post 911 benefits.



# Work smarter and land a job over the competition

These days, to land a job over the competition, you have to work smarter. The hard part is to get your resume read by the right people at the right time. Good jobs aren't on the market very long. To succeed your resume has to be available to the employer the moment they decide to fill a position.

One easy way to be found by employers who are looking to hire someone with your skills, is to post your resume on all the top job sites and niche job boards. This is a proven, documented method of successful job searching. While it may take a fair amount of time to find and fill out the forms of all these sites, you will definitely multiply your chances of landing a job.

If you want all the benefits without all the work, you can let a service like Resume Rabbit do it for you. You fill out one simple form and they'll instantly post your resume on up to 92 top job sites like Job.com, CareerBuilder, Net-Temps, Dice & more. Then you'll be seen by over 1.5 million employers & recruiters daily. It takes ONLY 5 minutes and saves 60 hours of research and data entry.

### Three magic phrases every interviewer wants to hear

- 1: "I've had a lot of success with that in the past."
  Beyond relevant experience, hiring managers love to hear that you not only have the skills they're looking for, you excel at them.
- 2: "I'm really excited about that." For many interviewers, someone who is enthusiastic inherently seems more motivated.
- 3: "I actually just spoke with XYZ to learn more about that." Show how you're willing to learn and that you're, in fact, already learning. This shows self -awareness and initiative to improve upon this area.



#### Working with a Recruiter .....

Sooner or later, you're going to call a recruiter or - if you've got in-demand tech expertise - find yourself on the receiving end of such a call. Before you decide you want a recruiter on your side, review these answers to common questions about working with recruiters.

#### Should I work with more than one recruiter?

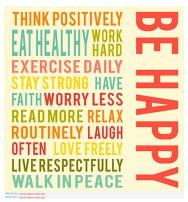
In general, it's best to work with several recruiters, as each recruiter works with specific companies, and you want access to the broadest range of options.

### What if two recruiters submit my resume for the same job?

Don't let it happen. As the job seeker, you need to keep tabs on where your resume is being submitted. Be sure recruiters get your approval before submitting your resume. If your resume arrives at a company from two different recruiters, it may disqualify you straight off.

### What qualities should I look for in a recruiter?

Look for a recruiter who's honest. Meet with the recruiter. You want someone who's a good listener and who will respond to your phone calls or emails. Consider whether the recruiter knows your particular industry segment, too. Learn to be open and be honest about what you want to achieve.



#### **GIT Wellness Corner**

#### **Seven Dimensions of Wellness**

Wellness is much more than merely physical health, exercise or nutrition. It is the full integration of states of physical, mental, and spiritual well-being. The model used by our campus includes social, emotional, spiritual, environmental, occupational, intellectual and physical wellness. Each of these seven dimensions interact in a way that contributes to our own quality of life.

#### **Career Guidance Column**



"Andrei - The good news is I got the job. The bad news is I'm worried I might be settling for a position that isn't the right fit for. So where do I go from here?"

Look, the honest truth is there are times when you'll have to take any job you can get, even if you know it's a bad fit. Maybe your house is about to be foreclosed on, you can't make rent, or you have a family depending on you for income. I completely understand there will be times when finding ANY job is a priority over the PERFECT job. My advice is to keep your resume out there and looking for that perfect job - but in the mean time grab the experience and pay some bills!

#### **Upcoming IT Courses - Starting Soon .....**

A+ - 13, 17, 19	Oracle I2c - 6,10, 17, 19, 29	Access - na
Dreamweaver - 11, 23	Oracle II g - na	Professional - na
BA - 10	Security - 5	PowerPoint - 21, 28
Ethical Hacker - 31	SQL - na	SharePoint - 6, 17
CCNA - 20	Web Pro - 2	XHTML - na
ASP.Net - 13	Network+ - 21, 31	Photoshop - 8, 15
Java - 10, 18	MCSA - 13, 31	Flash - 27
Linux+ - 13, 16	Outlook - na	Software Q& - 6, 10
Excel -5, 14	PMP- 24	NEW!CCNP
MSSA - na	Word - na	NEW! SQL Server 2012 - 5
CISSP - 10	CCNP - 12	



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#### "I've got the job, now what??"

It might take about three months to feel like you've got the hang of your job responsibilities, but the first week is when you make your first (and lasting) impression and begin making new office friends. **US News** published a list of "42 Rules For Your First Week," and GIT has chosen five, one for each work day, that we think are most important.

1. Show up on time. This is especially im-

portant on day one because someone else is likely working you into her schedule. The person who shows you around and gets you situated has her own job to do, too. **2. Remember coworkers' names.** Even if you're not out to make work friends, it's crucial that

you remember the names of colleagues in order to begin establishing a respectful rapport. **3. Assume the training will help you do your job.** Training can be terribly boring, particularly if you tend to learn better through hands-on experiences, but approach any training processes with the mentality that you'll get something out of it. You're likely to take away at least a couple of pointers, and it's a great opportunity to ask questions before being thrown into your daily grind. **4. Ob-**



serve first—then speak. It's easy to feel overwhelmed and nervous when beginning a new job, so to stop those nerves from making you say something that isn't the smartest, step back before you step in. 5. Ask for work. Be proactive from the start and keep yourself busy to show what kind of worker you are, which is particularly important during your first weeks when opinions are being formed about you.

#### **Technical Advice**



This month no advice, but a heads up for what's in store for 2017 - starting with your home. The Internet of Things (IoT) has, for some time, suggested the interconnectivity of otherwise separate devices and ecosystems; connected devices improving the practicality of our day to day lives. 2017 will see the IoT come to a domestic setting in a big way – with connected devices pulling the idea of the smart home sharply into focus. Thanks to prospective pushes from the likes of LG and Samsung, the smart home market looks set for sudden growth. The industry drive may mean surges in home sensor and security products (accessed and controlled via a smartphone). But it will also mean more smart devices aimed at monitoring utilities and home systems, aiding productivity and delivering entertainment.

#### 10 hottest tech skills for 2017



Are your assets bankable in 2017? Hiring managers say they'll seek out these skills most in the New Year. Scott Zulpo is facing stiff competition. He's adding a senior project manager, a network analyst and a help desk worker to his 55-member IT staff at BCU, a Vernon Hills, III.-based credit union where he is vice president of IT. He plans to add even more people in 2017 to keep up with an increasing demand for tech-driven innovations.



"The challenge is twofold -- first finding talent, and then determining if that talent has the skills, experience and personality to thrive in the position," says Zulpo, who's mindful that "the cost and impact of not hiring an 'A' player is huge."

Zulpo has his work cut out for him. He's hiring at time when few IT professionals are out of work, so competition for tech talent is fierce. The unemployment rate for tech workers is about 2%, according to reports on recent data from the U.S. Bureau of Labor Statistics.

Moreover, Zulpo is seeking the same skills that many of his fellow IT leaders also need. Computer-world's Forecast 2017 survey of 196 IT professionals found that both project management and technical support were among the top 10 most sought-after skills among survey respondents who said they plan on adding head count in the new year.

The IT labor market is still very hot. The candidate is very much in the driver's seat," says Jason Hayman, market research manager for IT staffing firm TEKsystems.

Hayman cites a government report that estimates that 500,000 to 1 million IT jobs go unfilled every year, but notes that some analysts say the figure is closer to 2 million. He says there's a classic supply-and-demand scenario working here, with demand for talent far exceeding supply. "The takeaway is there aren't enough of these workers," he says.

Here's a look at the top 10 most in-demand tech skills, as determined by the 29% of respondents to Computerworld's Forecast 2017 survey who said they plan to increase head count in the next 12 months.

#### **TECH FORECAST 2017** SPECIAL REPORT **Hot Skills** Programming/ application respondents plan development 26% to hire for in the development next 12 months: **Database** Help desk/ administration 25% tech support 35% Project Security/ management compliance/ governance 26% Big data 25% Cloud/SaaS 26% Mobile Business applications intelligence/ analytics and device 26% management 21% © COMPUTERWORLD

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