

The PACE/SkillPROOF IT JOB INDEX REPORT

NEW YORK COUNTY (MANHATTAN) REPORT
NOVEMBER 2006

1906-2006



Job Success With Information Technology Carl Abrams



Title: Financial Services Sector
Business Executive

Employer: IBM

Pace Degree: DPS in Computing

Graduation: 2006

"Technology-enabled innovation is on the CEO's agenda at most major companies in the United States and abroad. The productivity gains of the last several years were based on it, and sustainable growth can only continue through the continued application of new, exciting technologies to businesses and business processes. The need for people who can bring technology to bear on business problems in innovative ways will only increase.

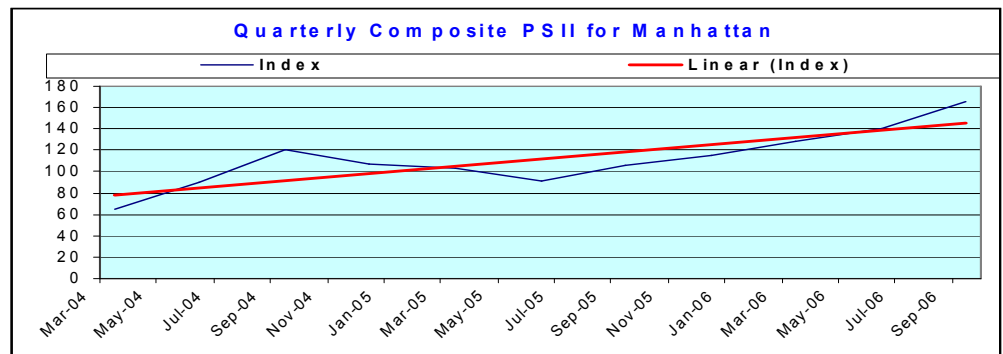
The recent trend toward technology offshoring is a sign of the maturity of information technology as an industry, not its demise.

IT Job Market in Manhattan on the Upswing

The Quarterly Pace/SkillPROOF Index (PSII) of the IT Job Market in Manhattan registered 166 in September 2006 (2004-2005 cumulative opening = 100), 26 points higher than the second quarter of 2006 when it was 140, and over 60 points higher than the third quarter of 2005 when it was 106.

The quarterly number is an indication of the vibrant state of the IT job market in Manhattan, which is also reflected by the steep trend (the straight line) shown in the following graph. The overall job postings of the 11 standard categories tracked by SkillPROOF, Inc., had a substantial increase of over 30 percent for the year at an average monthly increase of 2.4 percent.

Of the 11 categories of the IT job market, Computer Programmers had a substantial increase this quarter, followed by Software Engineers and IT Managers.



For the complete data and analysis, please go to [Historic Behavior of IT Job Categories](#).

Comment from Susan M. Merritt, PhD, Dean, Ivan G. Seidenberg School of Computer Science and Information Systems

We are pleased to introduce the inaugural issue of the **Pace/SkillPROOF IT Index Report**. We expect that it will be valuable to those who are seeking either employment or employees in the information technology sectors.

We are particularly gratified that our Seidenberg School of Computer Science and Information Systems students are in great demand for internships and our graduates for jobs in this market. As you will see here, there are more opportunities than individuals to fill them, both in New York City and Westchester County.

We welcome you to this new quarterly report and would appreciate your feedback (see page 2).

EARLY BAROMETER: WHAT THE INDEX TRACKS

The Pace/SkillPROOF IT Index is a comprehensive index that tracks job openings in New York County (Manhattan) and in a separate report, Westchester County, NY. Both versions use data obtained by SkillPROOF, Inc. Every 24 hours the company's specialized Web crawler randomly scans the posted Manhattan and Westchester job listings of companies in the sample. SkillPROOF then puts the job specifications into 11 major categories used by the U.S. Department of Labor's Bureau of Labor Statistics from "Computer Programmers" to "Network and Computer Administrators." Using this data, the Pace Index is then calculated in three formats: the weighted average of the job postings as a snapshot of the IT Job market, and year-to-year and month-to-month changes in major categories of the IT job market as diffusion indexes.

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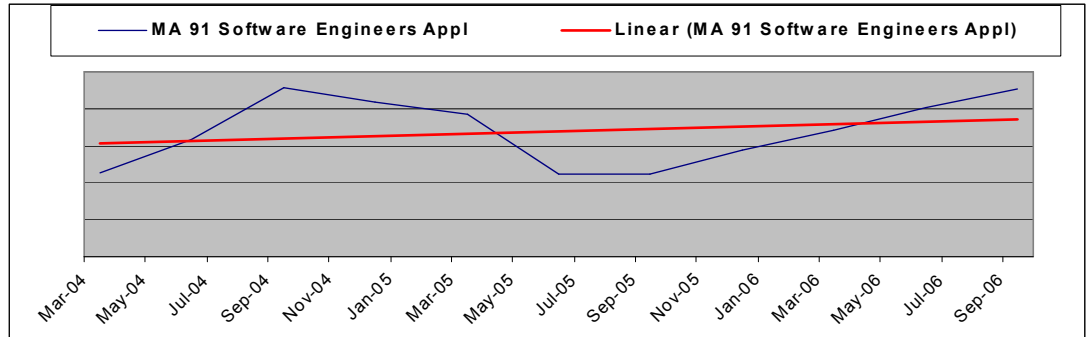
Quote of the Month:

“Freedom is when the people can speak;
democracy is when the government listens.”
--*Alastair Farrugia,*
Computer Scientist/Mathematician,
University of Waterloo, Canada

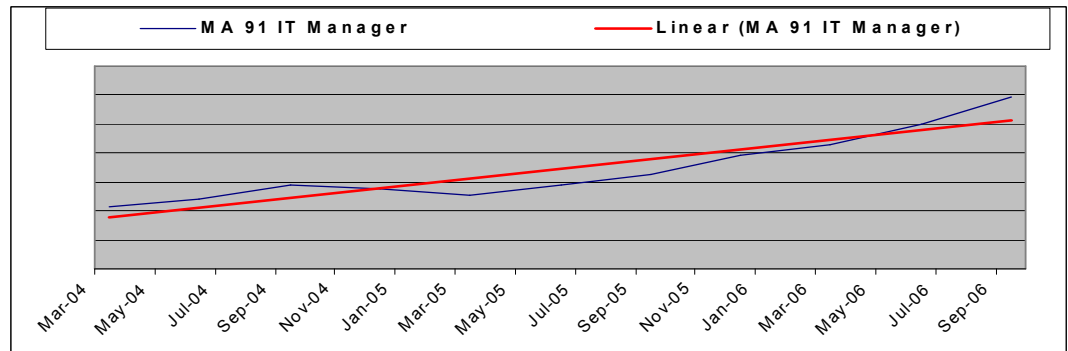


Third Quarter Analysis

According to the trend estimate of the 11 categories, the year-to-date growth in the IT job market in Manhattan is an indication of growing demand for IT professionals. Of the eleven categories traced by SkillPROOF, Inc., Software Engineers have a healthy potential followed by IT Managers as indicated below.



Though the trend is relatively flat, the market is above the trend and is expected to maintain an increase of more than 20 percent for the year.



For this sector, the market is above the trend, and has been growing substantially over the past year. Here too, the overall trend is quite positive, indicating a healthy job market with an average annual increase of better than 20 percent.

Fact

According to the U.S. Bureau of Labor Statistics (BLS), computer and mathematical occupations ranked third in income among all occupations in the New York metropolitan area in 2005 after management and legal occupations and before business and financial operations occupations.

The median income for these IT occupations in 2005 was \$76,860

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