

Jobs Project

Steven Wong

New Jersey City University

The nine job positions in Table 1 are evaluated, reviewed, and separated through the following three criteria: higher education, K-12, and corporate. A hyperlink to the job portal tagged with each available opening. A note on the required qualifications and requirements for applying for the opportunity. The review of the nine job positions can come up with some similarities and differences among them. Also, I will discuss what job appeals to me and what qualities I possess and what I lack to qualify for the opportunity. Finally, how can I fix my weakness to improve my chance to be eligible for the opportunity?

Table 1

Job Openings in the field of Educational Technology

Field _____ Qualifications & Requirements

Higher Education

[Assistant Professor: Nutrition, Tenure-track](#) - Rowan University

This position requires a doctoral degree in Exercise Science or a related field, plus have a dietitian certification. Also, a plus if have prior experience teaching at the university level. The professor will instruct both undergraduate and graduate courses in the areas of Nutrition and Exercise Science.

[Assistant Director of Academic Technology, Office of Student Success and Retention](#) -

Kean University

The Assistant Director will use best practices to support faculty, staff, and students, in all elements of educational technology, including planning for new instructional technology applications and supporting new tools to maintain student success. This position requires flexible working hours involving nights and weekends.

A bachelor's degree required plus at least two years of professional experience in emerging digital technology catering to higher education. A Master's degree in instructional design is preferred. Other prefer qualities include active collaboration and communication skills.

[Assistant Director of Cooperative Education](#) - Steven Institute of Technology

The role involves career advising services to individual students to help them improve their resume portfolio and interviewing skills. Also, keeping track of each individual in the cohort of engineering and science undergraduate students participating in the cooperative education process. A log to record participate rate for departmental reporting.

A bachelor's degree required for this role but a Master's degree preferred in counseling and student services, a preference for 2 - 4 years of experience, notably in career advising and human resources.

K-12

[Teacher of American Sign Language](#) Newark Public Schools

This position needs a bachelor's degree from a college or university. Individual must have a valid teaching certificate from the New Jersey Department of Education and Certificate of Eligibility with Advance Standing (CEAS) in American Sign Language. The role involves identifying student's needs and cooperates with other professional staff members.

[High School Computer Science Teacher](#) Hyde Leadership Charter School

A bachelor's degree from an accredited college or university, but a master's degree in Education is preferred. Also, must have a New York State Certification in Physics 7-12, or related Science. Previous working experience in an urban school setting is a plus. This teaching role involves teaching a mix of high school science courses.

[Middle School Math Teacher](#) North Star Academy

The middle school math teacher strives to improve the minds of students in and beyond the classroom. A bachelor's degree is required, but a master's degree is preferred. Must have a valid state certification. A minimum of two years teaching experience in an urban public school or charter school setting.

Corporate

[IT Operations Manager](#) ZT Group ZT Systems

This role requires interpersonal skills and to work effectively with other team members. Have the capability of supporting desktops and laptops. Also, familiarity with information security, disaster recovery and business continuity. In addition, a working knowledge of project development, including process mapping, budgeting and timeline creation. Must have a comprehensive understanding of network infrastructure. A computer science degree is preferred, but must have 10 years of related work experience, including four years at the management level.

[Manager, Information Technology](#) Sirius XM

A bachelor's degree in information systems, plus a five year experience in operations, support, or design. A familiarity with end user devices configurations and solutions. Have a proven record to manage a comprehensive IT environment. The ability to communicate, interact, and work with staff. In addition, excellent time management skills, with the ability to prioritize and multi-task, and work under shifting deadlines in a fast-paced environment.

[Director, Information Technology](#) New York University

A bachelor's degree in information technology, but master's degree is preferred in instructional design. A minimum of seven years of related work experience. The

following skills are needed for this role include monitoring, analyzing, communicating, problem solving and designing. A working knowledge of various technical jargons.

Similarities and Differences

After reviewing the nine jobs requirements, I notice a pattern that every job requires strong interpersonal skills, written, and communication skills. Also, I saw that many of the managerial positions need the candidates to manage and to work effectively. Besides, must-have proven record of work experience in management. Each job focus on the importance of working in a collaborative environment and part of the team player. Most importantly, each successful candidate has a working knowledge of the contents related to their specific field. All reviewed jobs require a minimum of a bachelor's degree. Teaching experience preferred whether you apply for a K-12 or higher education.

The difference between holding a position in K-12 and higher education is that the successful candidate applying for higher education has preference over a doctoral degree, if not at least a master in the related field. The university prefers candidates to be able to seek research funding and to continuously published materials related to their field. The corporate job does not rely on the doctoral degree. They do prefer candidates who are pursuing a managerial position to at least hold a master degree; in addition to the numerous years of work experience.

Reflection

My ideal job in the future is to continue to work as an adjunct professor anything related to information technology. Or if there is an opportunity to be a corporate trainer or technology trainer for teachers. The work experience in the technology industry continues to be challenged due to automation and the use of artificial intelligence. I feel the need to improve my knowledge content since every year continually, new concepts or methods introduced into the mainstream market. I have to find and learn skills that are transferable since my cybersecurity field is gearing towards full automation down the road. I'm taking on additional class shortly to gain a better understanding of data that is surrounding in every system and application we use. I'm looking to research how technology and human can coexist without losing the benefits of both sides.

However, I have collaborated with graduate students to help them become leaders and to enhance their knowledge through the various sponsored workshops. I encourage and motivate students to go out and bridge the technology gaps between the ones who have it and not through various community events. There are many free resources out there sponsored by big corporations doing their parts, but sometimes the message does not spread across to the most needed communities. Also, the students motivate me to go beyond my set goals and achievements.