

EDTC 808: SUMMER INSTITUTE IN EDUCATIONAL TECHNOLOGY LEADERSHIP II

Project 2
Jobs Project

Aminata E. Bamba Adewumi

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New Jersey City University

Author Note

Aminata E. Bamba Adewumi, Department of Educational Technology, New Jersey City University

Correspondence concerning this article should be emailed to Aminata Bamba Adewumi at

edidi112@gmail.com

Higher Education Job 1

Position Title: Instructor of Online Multivariable Calculus

Job Position Link:

<https://www.indeed.com/viewjob?jk=5ec2f7fe13270a11&tk=1cjmqqgq8q0k681eh&from=vjnewtab>

This job is a part time contract instructor Non-Tenure-Track position from Ball State University in Indiana Academy. The position will be available on August 1st, 2018 for the Fall Academic semester. The responsibilities are teaching Online Multivariable Calculus to gifted and special ability high school students at a college level. The qualifications are Master's Degree from a certified college or university in mathematics or mathematics education, experience in online instructions, and be able to use Blackboard or comparable software.

Higher Education Job 2

Position Title: Full-time faculty in Mathematics

Job Position Link:

<https://www.higheredjobs.com/search/details.cfm?JobCode=176775022&Title=Lecturer%20in%20Mathematics>

This job is a full-time faculty position in mathematics that will start in August 2018 from the Department of Mathematics and Computer Science at Seton Hall University in New Jersey. The responsibilities are teaching undergraduate mathematics courses and engaging in universities and departmental activities. Participant must have at least a Master's Degree in Mathematics or similar field; two years' experience full-time college instruction. In addition, participant must be expertise in mathematical software and technology.

Higher Education Job 3

Position Title: Mathematics Faculty

Job Position Link:

<https://www.higheredjobs.com/search/details.cfm?JobCode=176778149&Title=Mathematics%20Faculty>

This job is a full time position at Old Charlotte Highway (OCH) Campus in Monroe, North Carolina. The responsibilities are instructing, developing the curriculum, advising, professional development, instructional service, facilitating learning through in and out of classroom activities, and distance learning experiences. Participant must have at least a Master's Degree or related field with teaching experience. In addition, participant must be able to use word processing, spreadsheet, presentation software application, online homework system such as Webassign or MyMathLab, and course management system such as Blackboard, MOODLE, or WebCT.

K-12 Job 1

Position Title: Mathematics Teacher (High School, 7-12 grade)

Job Position Link:

<https://www.indeed.com/viewjob?jk=69bb974b6d30974d&from=recjobs&vjk=1cjmgd9er4o5ee gh>

M.E.T.S. Charter School in Newark, New Jersey is seeking for a certified mathematics teacher with a Bachelor's Degree or higher from an accredited college or university. This is a full-time position. The responsibilities are establishing and administering mathematics curriculum based on the district goals and objectives, developing and translating lessons plans, teaching, and conducting assessments and activities. In addition, individual must be able to communicate with

parents and other teachers and administrators. Individual must be able to use office kit, computer network system, and software applications.

K-12 Job 2

Position Title: Science, Technology, Engineering, and Mathematics (STEM) Teacher

Job Position Link: https://www.indeed.com/cmp/Camden's-Promise-Charter-School/jobs/Stem-Teacher-dce1e3f36fa924e9?sjdu=QwrRXKrqZ3CNX5W-O9jEvd98c1n6toLG8AwAMIM1R9pZR-qcSm4sZB76GfGW8a0tm9CH4VhDb-Mly_NTS7gZ_A&tk=1cjmgad624o5e8f9&vjs=3

This job is a full time certified STEM position at Camden's Promise Charter School in New Jersey; preferable Spanish language proficiency. The responsibilities are facilitating science activities or experiments, engaging with teachers and parents on education program implementation, and developing curriculum. Individual must have at least a Bachelor's Degree in Science, Engineering, Mathematics, STEM Education, or similar fields. In addition, individual must be able to use Microsoft Office such as PowerPoint, Excel, and Word.

K-12 Job 3

Position Title: Teaching of Mathematics

Job Position Link: <https://www.indeed.com/viewjob?jk=855d25cf7ae94050&from=recjobs&vjtk=1cjmgai284o5eafj>

This job is a full time certified mathematics position at Science Park High School in Newark, New Jersey. Individual must have commitment to teach with an experience in 8th grade Algebra I and High School mathematics courses. The responsibilities are teaching all levels of math, planning and developing the curriculum, evaluating and establishing student's development, and

using of information technology and software. Individuals must be able to engage in activities to motivate and prepare students towards successful studies in STEM fields in the future.

Corporate Job 1

Position Title: Actuary

Job Position Link: https://www.indeed.com/cmp/Co--Ordinated-Benefit-Plans,-LLC/jobs/Actuary-be85b00ca1c43d15?sjdu=QwrRXKrQZ3CNX5W-O9jEvbsn_JJuSYpaIopVAZ7z6lpZuFoQC2pewoxTdlpnp0d0EWnHjIDlyn6WRI9mRDLIXA&tk=1cjmqqg1t4o5ecdv&vjs=3

Meridian Management Group, LLC in Oradell, New Jersey is seeking an experienced Actuary to join the team as a full-time position. The responsibilities are developing and implementing product regulation and rate manuals, structuring models for reserving and interfacing with partners, and data analysis. Participant must be knowledgeable in Excel, analytical, mathematical, and problem-solving skills, multi-variable software, and SQL databases and programming. Candidate must have 5 years' experience in P & C or Special Risk with a License in FCAS.

Corporate Job 2

Position Title: Corporate Financial Analyst

Job Position Link: <https://www.indeed.com/cmp/Atlantic-Medical-Imaging/jobs/Corporate-Financial-Analyst-95b7293bbe0710d8?sjdu=QwrRXKrQZ3CNX5W-O9jEvXxOhezIvGCUlu8OfTzUf1wDQ-yz1w5pzjezxm22qvDOjvw2Nf9A-WCTtcpOhrcoGVNvGTuSiOUGT43gk8p7PDY&tk=1cjmgt9gh4o5ebfu&vjs=3>

The Atlantic Medical Imaging (AMI) is seeking an Analyst to work in Galloway, New Jersey as a Full-time position with 3 years' experience in financial accounting. The responsibilities are

developing reports in Decision Support and Sage Accounting, assisting with Balancing Sheet and annual audits in Billing, journal entries, and providing analysis on projects. Participant must have at least a Bachelor's Degree in Accounting/Finance, especially Finance experience in healthcare organization. In addition, candidate must be able to use Microsoft Excel and Sage 50 accounting software.

Corporate Job 3

Position Title: Auditor Accountant

Job Position Link:

<https://www.indeed.com/viewjob?jk=be5a471616d9b808&tk=1cjmh048j4o5ea2n&from=serp&vjs=3>

This job is a full-time position at Irvington, New Jersey. Applicant must have a Bachelor's Degree in Accounting or related field with knowledge in financial documents. The responsibilities are preserving accounting and auditing records and files, learning to edit reports of costs and other financial statements, and preparing reports of audits. Candidate must be able to recognize disparity in financial records and use different types of technological and manual recording.

Similarities and differences

The similarities between positions were that the candidates must have knowledge in mathematics and technology, a degree, and previous experience. The purpose of the search was to find a position that have both technology and mathematics or related fields. In higher education, the candidates needed to have a Master's Degree or higher to be able to lecture at the institutions. In addition, during the higher education jobs search, there were not many full time positions available; most of the jobs were adjunct positions. However, my main focus was on full time position. The responsibilities and duties for a higher education candidate were to have experience in colleges or universities instruction and be able to use Blackboard or comparable software. All K-12 positions required individuals to be certified in mathematics or related fields. Therefore, the K-12 positions mostly needed candidate to have their Bachelor's Degree and the certification. The most important similarities in the K-12 jobs were that candidates must be able to develop curriculum and lesson plans that was based on the district goals and objectives. In addition, candidates needed to know how to use technology in the classroom and communicate with parents and other teachers. Most of the corporate jobs required candidates to use technology in the field.

The differences between positions were the higher education positions needed at least a Master's Degree compared to the other positions. The higher education and corporate positions did not required candidate to know how to develop a curriculum or be certified. Furthermore, the K-12 positions' responsibilities and duties were more intense than the higher education jobs. K-12 jobs have communicated and involved the parents and other teachers in school activities. The corporate positions mostly must use Microsoft Excel or financial software to be able to documents and records their data analysis.

Type of job reflection

The type of job that I want is in the field of Mathematics and implementing technology in the assessments and classroom activities. I was even interested in the higher education position from Seton Hall University because it had all the requirements that I have or even more because I am a doctoral student in Education Technology Leadership at New Jersey City University (NJCU). I am not prepared for the position in K-12 because I need to get certified in mathematics. However, I took one of the requirements for the certification, the middle school mathematics praxis test last year. I believe I am more prepared for the higher education positions because I am presently an adjunct instructor in mathematics with a Master's Degree in Mathematics Education. The corporate positions are more business orientated, but I believe I can work on the financial aspect of that field.

One of my weakness is speaking and getting my words together. However, with proper training such as speaking more in public and knowledge of my fields, I can improve on my words and properly converse with companies. The Education Technology program also allows me to present and to improve my communication skills. For instance, in 2017, I was able to present on Lego EV3 Mindstorms at Rutgers University NJ Maker Summit, which allowed me to answer questions and speak about the importance of using EV3 Mindstorms in the classroom. In addition, I was able to judge the 2018 CODiE Awards, which allowed me to talk to various companies about their innovating products.