



**Neo Networks Inc**  
*...connecting youth with technology*

October 10, 2012  
 Volume 1, Issue 6



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A Not For Profit Organization

# THE NETWORK CONNECTION

## The President Speaks...

### Transparency and Change... Greetings!

As we approach a New Year, we at Neo Networks are faced every day with challenges. We are committed to better serve our disadvantaged youth in the Atlanta Metropolitan Area. Our programs seek to introduce and prepare individuals for the 21<sup>st</sup> century. This year, scholarships and sponsorship were made possible because of generous donations we received from our dedicated "Donors".

On behalf of Neo Networks, below you will find a list of our accomplishments and some of the letters we received from participating students and staff.

Thank you everyone!

Jason Frederick  
 President/CEO

Change of address: The new address is:  
 Neo Networks Inc.  
 4284 Memorial Drive.  
 Suite -B  
 Decatur, Georgia, 30032

## Accomplishments:

Jason completed his Master of Science Degree in Mathematics at Georgia State University. During this time he was the assistant soccer coach and taught five math classes at Langston Hughes High School. The head coach retired at the end of the last soccer season. Jason was selected as the Head Soccer Coach for the next soccer season.

Jason now teaches high school and college level math in Douglasville and Fulton Counties.

## Scholarships Awarded:

### Clayton State University-

Two students attended Clayton State University for "Avatars and Action: Teen Video Game Academy." (Ages 12-16) for one week). July 16-20, 2012.

### Georgia Tech- Scholarship

One of our students was selected to attend "HOTDays@Tech 2012", Session 11 for the week of June 18-22, 2012.

### Langston Hughes High School Marching Band.

A full Marching Band Scholarship was awarded to one band member.

## Scores Indoor Soccer Academy. (On Going Project)

Neo Networks sponsored a team of high school students to play in

the adult indoor soccer league at the Scores Soccer Academy this summer. Jason is the team manager, coach and mentor. He teaches them how to conduct themselves on and off the field. Jason's hope is that the students will use this experience to not only further developing their skills in soccer but also to learn respect for the adults and themselves



Each student's grades and conduct report must be submitted to Jason before he / she is allowed to play on the team. Jason strictly enforced these rules and he achieved amazing results. Some of the students do not have any form of transportation, but with the help of his father, Jason has been able to provide transportation before and after the games for those who need it.

Opal Frederick, R.N., BSN received "The Daisy Award for Extraordinary Nurses". She was nominated by her patients and co-workers.



Opal Frederick, (Nurse Scholar), retired from Emory Health Care

after working as an Orthopedic Nurse for thirty four (34) years." Opal states. "My retirement will allow me to devote more time to Neo Networks as a Volunteer Resource Coordinator. As a volunteer, Opal also went to Tobago, West Indies for 15 days to assist in the care of a very sick patient.

## Field Trip on the Marta System:

Neo Networks sponsored an engineering workshop and field trip of the Marta Train Control System. The students learned the following:

- The maximum and minimum speeds of the operating trains.
- How the trains pick up speed from the rails.
- How the trains are powered from the third rail.
- The length of each individual train, as well as the maximum and minimum length of the station platforms
- How the (2,4,6 or 8 car) trains make program stops at the station platforms,
- How the trains are safely routed and kept separated, while operating in automatic or manual mode.

The students were able to ride the trains and learned safety tips on the MARTA trains system.

The students were able to visit the Yard Tower Control, The Maintenance and Repair Facilities, The Training Room and Central Control Center.



Earle Frederick, (Marta retired Train Control Engineer), coordinated the workshop and field trip .

## DeKalb County Department Of Recreation, Parks & Cultural Affairs

September 19, 2012  
Hamilton Camp Superstars Summer Program

Dear Mr. and Mrs. Frederick,

We would like to thank you so much for sponsoring and coordinating the Young Teens Group field trip to the Marta Head quarters this summer. Although most of the children have had the opportunity to ride Marta , no one could imagine how the rail system worked, prior to the workshop and field trip you facilitated and presented. It was great learning hands on the different parts and components that are used to operate the system. The lessons on Marta safety were priceless. Thank you so much for " The Marta Experience"

Sincerely  
Kiesha Howell-EL  
Recreation Center Leader  
Hamilton Recreation Center

## After School Program: (On Going Project)

Opal continues to tutor in reading, health issues and provides healthy snacks.



Neo Networks sponsored summer camps, providing refreshments during some of the hot summer days.

## Working with the Seniors: (On Going Project)

Neo Networks continues to teach seniors basic computer literacy: Skills include creating an E-mail address, sending and receiving an E-mail and proper typing skills.

Neo Networks continues to provide music for the senior's birthday parties and special functions.

## Neo Networks Future Plans . . .

Start beginning classes in Robotics and Basic Electronics

Neo Networks expand in to other community centers.

Assist with youth soccer programs.

## Neo Networks

## Special Thanks.

To all our volunteers friends and dedicated donors. Thank you for making the year 2012 a great success.

## Special Thanks:

Neo Network would like to say, special thanks to all of our dedicated Board Members and Volunteers.

## How To Contribute

Neo Networks can always use help in various areas. If you would like to volunteer, donate, or make a monthly pledge, please send an email to [neonetworks@comcast.net](mailto:neonetworks@comcast.net) with your contact information and area in which you are able to help.

## The Wish List

1. Pentium 4 Computers (Used or Non Working)
2. Educational Programs and Books
3. School supplies-Pencils and Paper
3. Laptops
4. Electronic Project Kits ages 12 – 16 year
5. iPod Touch or iPad Devices

## Donors List

Once again, our success is the result of your dedicated support..

## Companies / Corporations

The Billi Marcus Foundation Inc.  
Rose Partners LLC (Rochester NY, NY)  
Carey Paul Honda  
Gripwire (Seattle,WA)  
Kroger  
Target  
Wal-mart

## Individual Donors List

Richard Leslie  
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Michael Bush  
William A Parker JR  
Carl Frederick  
Jim Williams  
Ernest Holsendolph  
Justin Wingo  
Stephannie Anderson  
Neil J. Cox  
Rodney Taylor  
Christine Peprah  
Opal Frederick  
Earle Frederick  
Jason Frederick

## University's Avatars and Action: Teen Video



Thank you Neo Networks for giving me the opportunity to attend Clayton State University's Avatars and Action: Teen Video Game Academy, this past July. This class gave me the opportunity to enhance my video game design skills. I learned a new game design program, which allowed me to create a boy skateboarding. The game itself required the boy to strategically get through the obstacles that he came up against. I received a Best In Class Certificate for the Top illustration Animator Game.

Thank you again for this opportunity,

Malik Carmouche'

## Certificates Received



## University's Avatars and Action: Teen Video.



## H.O.T. DAYS @ GEORGIA TECH

The first camp I attended this summer was a program at Georgia Institute of Technology, or Georgia Tech. I believe the camps primary purpose was to inform future college students, who are interested in pursuing an engineering career, about what you'll be experiencing in college and what you can do to prepare.

The first couple of days into the camp we did a couple activities, but mainly we were taught the concept of physics and how it relates to all types of engineering. Then we applied this knowledge to the various activities that we were able to participate in later on in the week. As the days went by, we were able to build a computer using simple instructions given to us by our instructors. We

programmed and constructed a Lego-Robot to do tasks around a crash course; such as making it knock off cylinders by detecting the cylinders with sensors we were provided with. We were able use soldering irons to create an electrical device that converted sound waves into light energy and they allowed us to keep the device that we made. I still have a properly working one today. On the last day we were congratulated with awards for our participation and excellence in the program.

I learned a vast amount of information about the different types of engineering careers and what function each of them has when interacting with each other. I think the career that was most intriguing was Software or Computer Science. I plan to learn more about this subject and follow it throughout college. I also learned the importance of getting involved in classes and clubs in high school that can help me get into a good engineering college and provide me with the information to have a head start in the classes I will be taking in college. I am currently taking an AP Computer Science class which teaches me how to program using java. The teacher alone has told us we will be using every bit of what we are taught in class now, in college; so I am looking forward to being ahead of my classes in college. I thank you for providing the expenses for me to participate in such a camp that has helped me in a variety of ways.

## Certificates Received



## TEEN VIDEO GAME ACADEMY

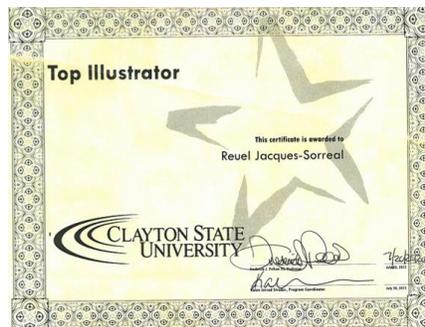
This past summer, I recently attended a camp at Clayton State University called Teen Video Game Academy. This camp allows students to use various programs to help them create animations. I believe the purpose of this camp is to introduce unknown programs that students can use at home to create video games at will.

The first day we were already learning how to use some of the programs. We used Adobe illustrator for our first project. We were assigned to draw, using Adobe, anything we got off the internet. After a few days when we completed our illustration, we created a frame-by-frame animation of whatever we wanted. On the last couple of days we had a contest on who could create the best game. Some students imported their illustrations in their game and others created new characters. We used a program called Stencyl, which was recently made, to create our games. They allowed us to download it at home

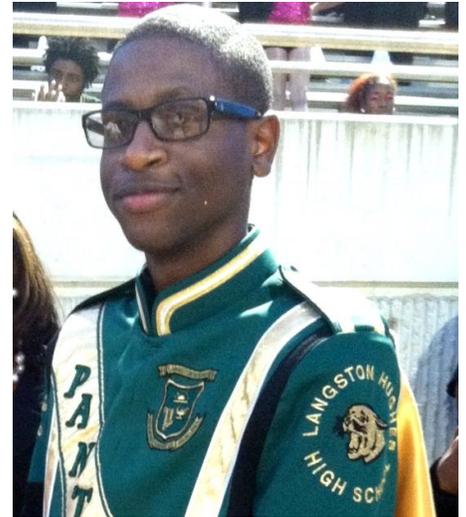
so we can use it when we leave the program.

I learned how to use different programs and apply them to my creations, whether it is a video game or an animation. This camp has opened a door for me to explore new programs and excrete my ideas into my creations. I enjoyed the camp and enjoy using the programs I was provided with to take home. Thank you Neo Networks for giving me an opportunity to expand my knowledge to the use of different programs that can be applied to a variety of ideas I may have in the future.

## Certificates Received



## Langston Hughes High School Marching Band.



From ::Joshua E. Smith  
To: Neo Networks. Inc

Dear Neo Networks,

Before I even attempt to Thank You for your investment in me; I would just say that words cannot and will not ever be able to express my true gratitude and thankfulness. Music Education is one of the areas that is least invested in by my district, because of fiscal cuts that are deemed "necessary." As important as Music Education is, it still remains to be one of the first things to be considered for cuts. That is why there is always something positive and admirable to be said about a company who takes charge in helping to educate students in music.

Marching Band is an activity that cultivates students' music abilities, drill coordination, discipline, team work, and really just allows students to have fun throughout the year. At Langston Hughes High School , we have a dedicated band director, who works many long hours to ensure

that those areas are cultivating students each and every day. Mr. Mills, our Director of Bands, has a passion for music which leads to a strategic facilitated Music Program. He believes that all of the members in our Marching Band are the heart beat for our successful Music Program.

As you can see, Langston Hughes has a well-developed Music Program. Neo Networks is now a part of our success, my success, by investing in me!

In closing, I would just like to say Thank You!! I doubt those words really fit what you have done for me, but just know I am appreciative, along with our band, Mr. Mills, my school, and my family of course.

Musically Your,  
Joshua Smith