

Abdurrauf Muhammad

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EDUCATION

Columbia University, The Fu Foundation of Engineering and Applied Science Expected May 2019
B.S, Computer Science

Relevant Coursework: Advance Programming, Data Structures in Java, Python, Computer Science Theory, Linear Algebra

Riverside High School, Durham, NC Graduated June 2015
High School Diploma

Honors: Quest Scholar (May 2015), Bryson Cherry Award (May 2015), AP Scholar (June 2014), National Honor Society (February 2014)

TECHNICAL SKILLS

Programming Languages: Advanced in Java, C/C++, Proficient in Python and Flask, Basic in HTML

Computer Applications: Proficient in LTspice, Logisim, and Autodesk Inventor 3D CAD

RELEVANT EXPERIENCE

Visa,

Software Engineering Intern

June 2017—August 2017

- Developed method to implement Kerberos authentication schema for in house developer tool.
- Developing wrapper of git with hooks for local commits that performed static code analysis, security analysis, and config checks allowing for continuous integration and deployment.
- Designing pilot application for Nigerian market simulating the digital payment workflow with Visa API's

Columbia General Studies Information Technology,

Computer Programmer/Analyst

September 2016—Present

- Troubleshoot and fix technical issues regarding local and network equipment within a four-hour response time.
- Install hardware and software and maintain all business critical equipment.
- Work closely with personnel to diagnose and correct technical issues.
- Implemented a more time and space efficient system for restoring computers

ADDITIONAL EXPERIENCE

Duke Clinical Research Institute, Research Intern

June 2014—August 2014

PROFESSIONAL ASSOCIATIONS AND ACTIVITIES

National Society of Black Engineers

September 2015—Present

Senator

- Serve as representative of the chapter to vote on the national and regional level of NSBE.
- Assist with planning and teaching of computer science curriculums for STEM Kids NYC.
- Tutor students at The East Harlem School.

Columbia University Application Development Initiative Labs

September 2015—Present

Member

- Contribute to an open source project with a team developing an application that provides local political news and educates users on how they can become involved.
- Participate in hackathons and tech talk/series.

Color Code

September 2016—Present

Member

- Participate in discussions and workshops on people of color in technology and entrepreneurship.